

# **ANNEXURE “E”**

**ADJUSTMENTS TO CURRENT INTEGRATED  
DEVELOPMENT PLAN – SUBMITTED UNDER SEPARATE  
COVER**

## INTEGRATED DEVELOPMENT PLAN



# CAPE WINELANDS DISTRICT

MUNICIPALITY • MUNISIPALITEIT • UMASIPALA

**DRAFT**

*Final Review of the 3<sup>rd</sup> Generation IDP (2012/2016)  
as prescribed by section 34 of the Local Government: Municipal Systems Act, 2000.  
(Act No. 32 of 2000)*

**2016/2017**





Through committed leadership and motivated personal, the Cape Winelands District Municipality has obtained its second clean audit for the 2014/2015 financial year.

In order to be successful, the Cape Winelands District Municipality ensures that public participation is its cornerstone in understanding and prioritising the needs of our communities and relevant stakeholders with the available funds.

Through public participation our communities has confirmed the importance of the District Municipality in the region and its role and contribution towards achieving the objectives of the National Development Framework.

With the support of the Western Cape Government, Cape Winelands has been able to establish many partnerships in delivering on its programs and projects to achieve the stated objectives, inter alia:

- Building of multi-purpose sport infrastructure centres for netball, volley ball, tennis and other indoor activities in rural/farm areas;
- Renewable energy projects in rural areas
- Allocation of bursaries towards students residing in our district, especially the poor who cannot afford studying in fields such as engineering, town planning, etc. due to associated costs;
- Various capacity building and community support programs for the organisations of the poor;
- Various pro-poor programs and projects to tackle the challenges of HIV/AIDS, alcohol abuse, women and youth empowerment, access to resources and support to the organisations and individual disabled persons. Supporting the elderly etc.
- All our programs and projects are aligned to achieve the EPWP for job creation and poverty alleviation.

In conclusion I want to acknowledge the good relationship amongst political parties and leaders represented in the Council of the Cape Winelands District Municipality. Through this commitment of political parties, the needs of our communities are priority. A special word of thanks to the Western Cape Provincial Government for their continued support. I also want to acknowledge all community leaders, organisations and all other role players for their support to create a unified Cape Winelands of Excellence for all citizens.

**EXECUTIVE MAYOR  
ALD CA DE BRUYN**



The IDP is a strategic planning tool to achieve alignment and integration for effective and efficient deployment of resources.

Once again likewise all municipalities in South Africa Cape Winelands has to annually review its Integrated Development Plan as required by section 34 of the Local Government Systems Act, 2000 (Act No. 32 of 2000), which stipulates the following:

A municipal council –

- (a) must review its Integrated Development Plan –
  - (i) annually in accordance with an assessment of its performance measurements in terms of section 41; and
  - (ii) to the extent that changing circumstances so demand; and
- (b) may amend its integrated development plan in accordance with a prescribed process.

To this effect, Council has to adopt its IDP/Budget for consultation with its communities and stakeholders. Final approval is scheduled for a Council meeting towards end of April 2016, mindful of local government elections. Cape Winelands administration together with political oversight structures demonstrated a capacity to effectively deliver on council mandate as contained in our IDP, expressed through the (SDBIP) Service Delivery Budget Implementation Plan which forms a contract between the municipality and its communities.

Our municipality has undergone rigorous cost-effective transformation review by streamlining organisational structure for effectively responding to service delivery mandate as contained in its Medium-Term Budget Framework. The process has been very inclusive, interactive and collaborative with both unions, namely SAMWU and IMATU respectively participating.

Cape Winelands pride itself for achieving clean audit results from the Office of the Auditor General of South Africa. This is an indication that good governance is functioning in our organisation. These achievements are attributed towards good leadership and management.

In closing, I would like to express my sincere appreciation towards our Executive Mayor, Alderman De Bruyn for his decisive and open leadership style. To the Deputy Executive Mayor, Cllr Jansen for standing in during his absence. To the Speaker of Council, Cllr Clara Meyer for always availing time for council to conduct its affairs in an open and transparent manner. To my colleagues, Executive Directors, Management team and Managers in my office for dedicating most of their time to council activities. Lastly to Union leadership represented by SAMWU and IMATU for their contribution in shaping best policies for the greater good of all employees.

**MUNICIPAL MANAGER**  
**MR M MGAJO**

## IDP/Budget Public Participation Road Map

In developing its IDP, the Cape Winelands District Municipality conducted public participation meetings in collaboration with the local municipalities in the district. Below is the Public Participation Road Map.

CWDM IDP/BUDGET Road Map for Public Participation 2014/2015			
MUNICIPALITY	VENUE	TIME	DATE
PUBLIC PARTICIPATION (with sectors)			
Stellenbosch	Stellenbosch	8h30 -13h00	September 2015
Drakenstein	Huguenot	8h30 -13h00	October 2015
Witzenberg	Ceres	8h30 -13h00	October 2015
Breede Valley	Worcester	8h30 -13h00	October 2015
Langeberg	Robertson	8h30 -13h00	October 2015
Cape Winelands District	Paarl Thusong Centre	8h30 -13h00	October 2015
CWDM IDP/Budget Hearing	Worcester Town Hall	19h00 – 21h00	April 2016

The district municipality could not have done the above, and many more similar actions, had it not been for our steadfast focus on nurturing social cohesion amongst communities in the Cape Winelands.

### Stakeholder Input

The Cape Winelands District Municipality, during its 2016-2017 IDP Analysis Phase, received a substantial number of verbal inputs during public participation meetings and quite a number of written submissions.

These issues were circulated internally to our Executive Directors for input and were presented to the Mayoral Committee and Council for consideration. Among the inputs that were received were:

- Youth Development;
- Local Economic Development;
- Skills development for out of school youth;
- More assistance on sustaining small businesses in Cape Winelands district;
- Scholar transport for children in rural areas;
- Farm eviction;
- Sanitation in rural areas; and
- HIV/Aids in farm areas – mobile transport to testing stations etc.



### 3.3 CAPE WINELANDS SOCIO-ECONOMIC SNAPSHOT

#### 1. Demographics, 2015



**Population**  
**831 716**



**Households**  
**218 620**

#### 2. Education



**Matric Pass Rate 2014**      **88.30%**  
**Literacy Rate 2011**          **81.70%**

#### 3. Poverty

**Households earning less than R 400 in 2011**      **15.0%**  
**Per Capita Income 2013**                              **R 37 252**

#### 4. Health, 2015



<b>Primary Health Care Facilities</b>	<b>Immunisation Rate</b>	<b>Maternal Mortality Ratio (per 100 000 live births)</b>	<b>Teenage Pregnancies – Delivery rate to women U/18</b>
<b>50</b>	<b>79.4%</b>	<b>20.8</b>	<b>7.3%</b>

#### 5. Safety and Security Actual number of crime in 2014/15 year



<b>Residential Burglaries</b>	<b>DUI</b>	<b>Drug-related</b>	<b>Murder</b>	<b>Sexual Crimes</b>
<b>6 795</b>	<b>948</b>	<b>11 744</b>	<b>308</b>	<b>1 142</b>

#### 6. Access to Basic Service Delivery Millennium Service Levels



**Water**  
**97.3%**



**Refuse Removal**  
**79.80%**



**Electricity**  
**93.1%**



**Sanitation**  
**90.80%**

#### 7. Economy

**GGDP Growth 2005-2013**  
**3.5%**

#### 8. Labour

**Employment Growth 2005-2013**  
**-0.6%**

#### 9. Broadband

**Percentage of HH with access to internet 2011**      **34.8%**  
**Wi-Fi Hotspots by 2017**                              **102**

#### 10. Largest 3 Sectors, 2013

**Finance, Insurance and Business Services**  
**23.6%**

**Manufacturing Wholesale and**  
**22.7%**

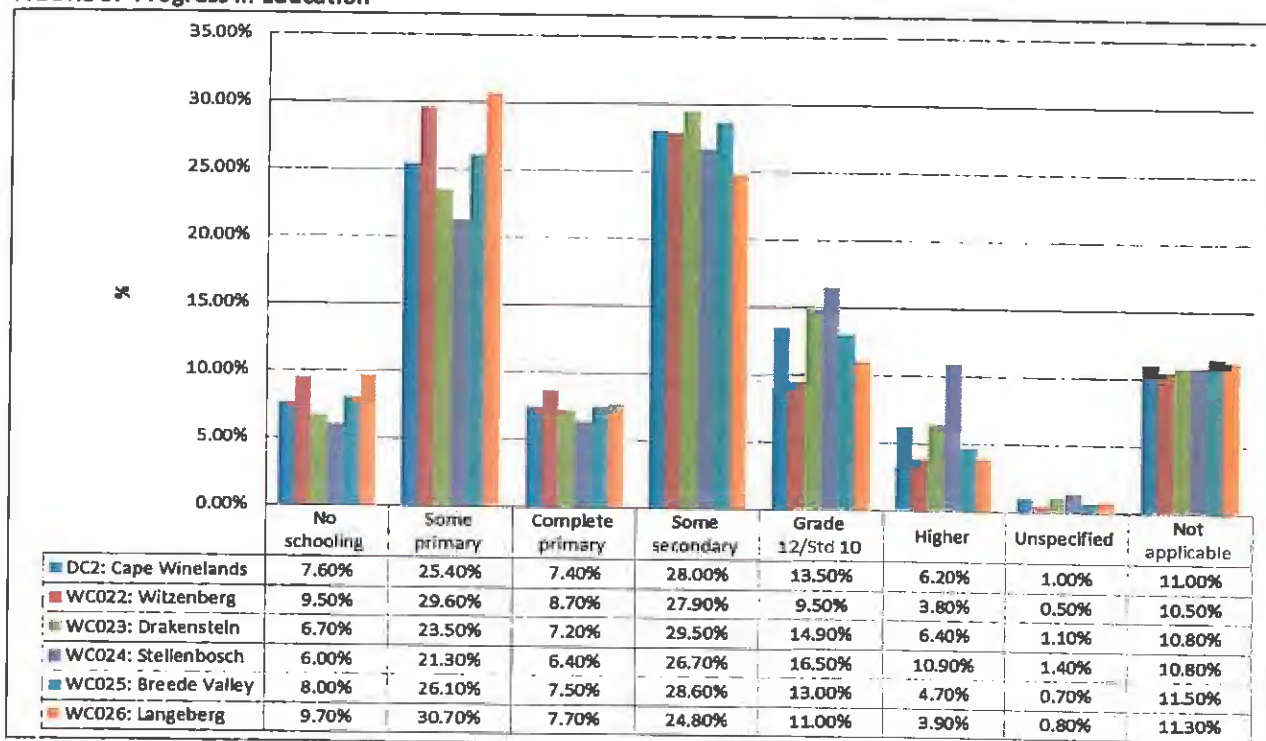
**Wholesale and Retail Trade, Catering and Accommodation Services**  
**14.4%**

### 3.5.3 LITERACY INDICATORS

Education is often a means to expand the range of career options a person may choose from and has a direct influence on a person's income and ability to meet basic needs. It is therefore one of the 4 indicators of human development.

Figure 3 shows that in the District 347,247 (78.2%) persons are literate and 96768(21.8%) persons are illiterate.

FIGURE 3: Progress in Education



Source: Statistics South Africa

Education in the 21 century is perhaps the single most important tool for creating competitiveness in the economy. It is increasingly being seen as the engine to the economy and not just simply an input. Economies are increasingly being driven by knowledge and innovation and this requires skilled people.

#### Matric Results:

Row Labels	2013 Total Wrote	2013 Total Pass	2013 Pass Rate	2013 Total Pass Bachelor	2013 % Pass Bachelor	2014 Wrote	2014 Passed	2014 % Pass	2014 Bachelors	2014 % Bachelors
BREDE VALLEY	1524	1245	81.7%	482	31.6%	1510	1243	82.3%	472	31.3%
DRAKENSTEIN	2443	2184	89.4%	1147	47.0%	2661	2230	83.8%	1199	45.1%
LANGEBERG	566	503	88.9%	229	40.5%	582	491	84.4%	220	37.8%
STELLENBOSCH	1479	1303	88.1%	764	51.7%	1432	1248	87.2%	745	52.0%
WITZENBERG	789	668	84.7%	256	32.4%	747	561	75.1%	186	24.9%



## Learners Enrolment:

YEAR	2012	2013	2014	2012	2013	2014	2012	2013	2014
MUNICIPALITY	Sum of GRR			Sum of GR 1-7			Sum of GR 8-12		
BREED VALLEY	2 530	2 574	2 779	19 751	19 955	20 060	11 601	11 914	11 955
DRAKENSTEIN	3 074	3 226	3 444	26 774	27 000	27 580	18 309	18 592	18 792
LANGEBERG	1 554	1 586	1 636	11 543	11 537	11 491	5 287	5 502	5 686
STELLENBOSCH	1 938	2 039	2 167	14 185	14 800	15 340	9 905	9 924	9 952
WITZENBERG	1 169	1 265	1 458	11 489	11 589	11 602	6 096	6 114	6 414

### 3.5.4 POVERTY INDICATORS

Generally, household income levels forms a foundation for determining poverty levels in a community. Additionally, the income levels of a particular area provide some insight into the economic behaviour of a particular community, i.e. the buying power of that community and the potential poverty levels that a community might be experiencing.

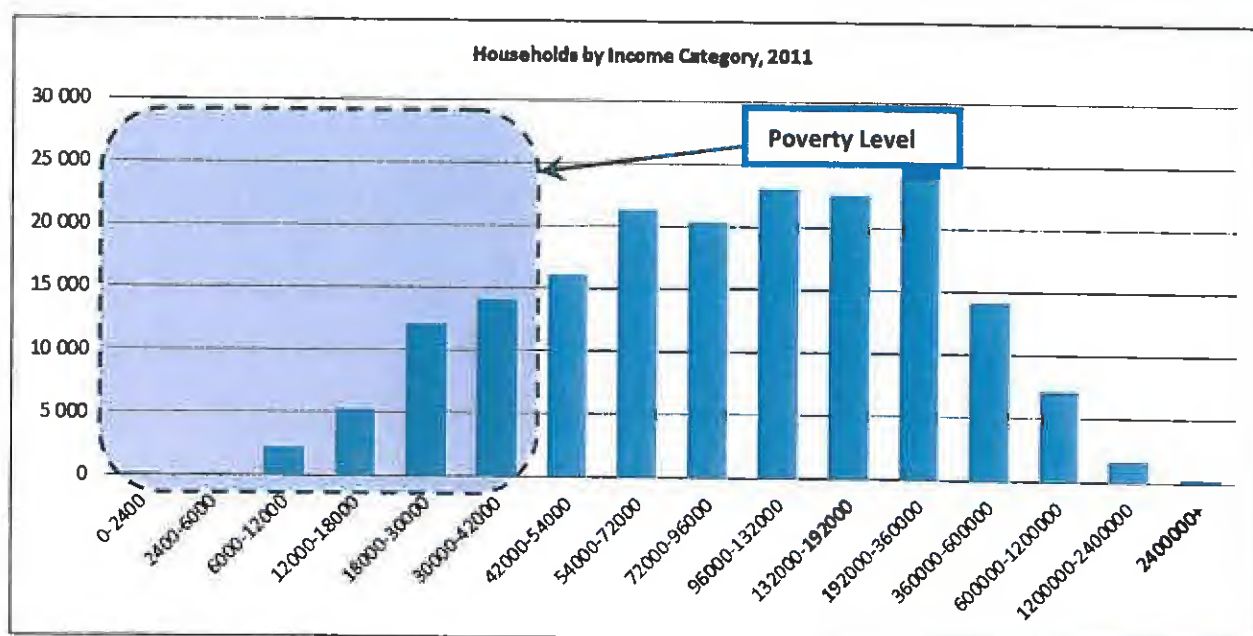
Household income is defined as the combined income of all members of the household. The determination of the income includes:

1. Labour Remuneration;
2. Income from Poverty;
3. Transfers from Government (including Pensions);
4. Transfers from Incorporated Businesses; and
5. Transfers from other Sources

Generally, household income levels forms a foundation for determining poverty levels in a community. Additionally, the income levels of a particular area provide some insight into the economic behaviour of a particular community, i.e. the buying power of that community and the potential poverty levels that a community might be experiencing.

Figure 4 illustrates the number of households by income category that is residing in the Cape Winelands District Municipality.

**FIGURE 4: Number of Households by Income (2011)**



Source: Global Insight Regional Explorer Database, 2013

### 3.13.2 DISASTER RISKS IN THE CAPE WINELANDS DISTRICT MUNICIPALITY<sup>5</sup>

#### Disaster risk profile

The CWDM faces a number of natural and anthropogenic hazards<sup>6</sup>. Linked to these hazards is deep-rooted vulnerability of various kinds in impoverished communities. The current risk assessment of the CWDM indicates the following disaster risks as priorities:

- Fires (uncontrolled);
- Floods;
- Transportation of hazardous chemicals;
- Spread of diseases;
- Blocked drains;
- Non-removal of solid waste;
- Environmental pollution;
- Grey/waste water; and
- Problems with toilet facilities; and lack of facility maintenance.

The following vulnerable communities were identified<sup>2</sup>:

#### Stellenbosch Local Municipality

- Langrug;
- Kylemore; and
- Kayamandi.
- Stellenbosch CBD; and
- Idas Valley.

#### Drakenstein Local Municipality

- Mbekweni; and
- Fairyland.

#### Witzenberg Local Municipality

- Nduli;
- Chris Hani; and
- Witzenville.

#### Langeberg Local Municipality

- Montagu;
- Robertson;
- McGregor;
- Ashbury; and
- Zolani.

#### Breede Valley Local Municipality

- De Doorns;
- Zweletemba; and
- Worcester CBD.

It is in the context of the disaster risk profile of the Cape Winelands District Municipality, this policy framework pursues the core philosophy of risk reduction through vulnerability reduction and resilience building, by placing priority on developmental initiatives.

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<sup>5</sup> As per the CWDM 2009/2010 IDP.

<sup>6</sup> These disaster risks and vulnerable communities were identified through a community-based risk assessment intervention conducted by the Cape Peninsula University of Technology in 2008.

The Disaster Management Division is currently in the process of assisting Witzenberg with a ward-based risk assessment in order to guide planning processes and will be continue during the 2015/2016 financial year in Stellenbosch and Langeberg.

#### WARD BASED RISK ASSESSMENT: WITZENBERG

##### Priority Risks Identified in Witzenberg:

Name of Risk	Description	Wards the risk was identified
Structural Fires	Structural fires, which include both fires in both formal structures and informal structures. Vulnerability is increased by: Proximity of houses to one another Presence of backyard dwellers and informally built extensions The risk of fire also increased by the lack of electricity connection to the informal dwelling. Lack of access routes for emergency vehicles Emergency vehicles are unable to respond quickly due to distance between Fire Stations and outlying towns.	1, 4, 6, 7, 9, 10, 11, 12
Drug abuse	Drug abuse amongst in particular the youth was highlighted has a significant problem across the municipality. The majority of responders from the community indicated that is problems stems from unemployment and poverty	1, 2, 3, 4, 5, 6, 7, 10, 11, 12
Dumping	The illegal dumping of household rubbish and garden refuse was identified as a major problem in the majority of residential areas across the Witzenberg Municipality. Dumping identified includes: Overfilling of provided refuse skips/containers in residential areas. This results in refuse being left at the base of the skip Dumping of household waste in open areas and along roads Dumping of rubble and household waste in storm water drainage systems	1, 2, 3, 4, 5, 6, 7, 10, 11, 12
Riverine Flooding	Riverine flooding occurs when water levels rise over the top of river banks due to excessive rain. Riverine flooding was identified as a major hazard in a number of the wards. The majority of wards have numerous perennial and non-perennial rivers.	1, 3, 4, 5, 6, 11
Fires resulting from the use of candles, paraffin, illegal electricity cables	The risk of fires in informal settlements and backyard dwellings is increased due to the reliance of households on hazardous sources of energy such as paraffin, candles, open fires and illegal electricity connections. The lack of electricity means that people living in these structures need to find alternative sources of energy to preform household activities. Illegal electricity connections were highlighted as a major concern and contributor to fires in informal and backyard dwellings.	3, 7, 10, 11, 12
Traffic Accidents	Traffic accidents on residential and main routes were a major concern for communities and officials. Within residential areas, many of the respondents were concerned about the safety of children due to speeding cars.	1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 12
Veldfires	A veld fire refers to any vegetation or bush fire that occurs beyond the boundaries of the urban built areas. The veld fire session occurs between December and April, when temperatures are at their highest.	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12
Gangsterism	The presence of gangs was highlighted as a major concern. It	1, 3, 5, 6, 7, 12

	was conveyed by officials that gangs and gang activity was directly the result of poverty and social circumstances. Communities reported that the presence of gangs lead to an increase in drug use and crime within their areas.	
Sewerage	Blocked sewerage systems due to misuse were identified in a number of wards. Flushing of incorrect materials, such as nappies and newspaper, down toilets and drains was reported to be the main contributor to the blockages.	1, 2, 3, 4, 5, 6, 7, 10, 11, 12

The risks for a ward were ranked according to the consensus between the three groups of responders namely, Ward Committee, Community and Officials.

#### **THE WAY FORWARD:**

Identified risks must be analysed by both the District and the Witzenberg Municipality in order to determine the responsible sphere of government and department to address the risk.

Following the conclusion of the Witzenberg Ward Based Risk Assessment, the project will be taking place in the Langeberg Municipality.

### **3.13.3 SERVICE PROVISION AND INFRASTRUCTURE ANALYSIS**

A vital aspect of the function of the CWDM is the provision of high-level basic services and the infrastructure that can underpin economic and social development in the region. Below we analyse the situation with regards to water and sanitation, roads and storm water, waste management and electricity.

- **Water and Sanitation**

The Government of South Africa has committed itself to the eradication of the water and sanitation backlog by the year 2014. The responsibility to achieve these targets lies with the Water Service Authorities and in the case of the CWDM; the Water Services Authorities are the B-Municipalities.

The responsibility of the CWDM is to ensure that proper planning is done and to co-ordinate and oversee these processes and make sure that capacity exists within the B-Municipalities to ensure effective delivery. A comprehensive Bulk Infrastructure Master Plan for the district as well as for each municipality within the district was completed during the latter part of 2010 with funds provided from the Provincial Government.

The main aim of this initiative was to develop a ten-year implementation plan to address the current and anticipated future backlogs and deterioration of bulk infrastructure. It was determined that an estimated R2, 126 billion will be required during the next fifteen years to fulfil this obligation.

- **Proclaimed Roads**

The District Municipality does not have ownership of any of the public roads in its area. Proclaimed National Roads are managed by the SANRAL (South African Roads Agency for the National Department), Provincial proclaimed Roads are owned by the Western Cape Government (Department of Transport and Public Works) and municipal streets by the different Local Authorities.

A service delivery agreement between the Cape Winelands District Municipality (CWDM) and The Western Cape Provincial Administration, Department of Transport and Public Works ensures that:

- Road maintenance activities are performed by CWDM together with their Provincial Paarl Regional Office;
- Delegated management duties are performed by CWDM;
- Preparation of technical reports regarding land use application received from local B municipalities together with their Provincial Paarl Regional Office and Head Office;

- Various administration duties are adhered to including dealing with the general public (road user) regarding all road matters (e.g. road safety, road maintenance, etc); and
- Assistance with capital infrastructure improvement by CWDM roads personnel, example re-gravel and resealing to complement such work performed by provincial contracts.

The planning, funding and provision of new provincial road infrastructure or major upgrading and rehabilitation contracts are still the function of the Provincial Roads Authority. A Provincial Pavement Management System is used by Province to manage the technical requirements of their road network. During information sessions between the Provincial Department of Transport and Public Works, the CWDM and all local authorities in the Western Cape a new process was proposed to involve all relevant role players in the Western Cape to participate in the planning and prioritization of future projects.

Regarding the preventative road maintenances of the Provincial Road network: The existing limited resources (financial and manpower) are therefore used to do daily maintenance activities such as:

- Drainage maintenance (clearing the many pipes and box culverts under roads, clearing soil trenches on the sides of roads to prevent storm water from penetrating and weakening road layers);
- Sealing the many open cracks that occur on older bitumen surface roads (better known as tarred roads) to prevent penetration of water;
- Maintaining guard rails and road signs damaged daily through accidents or vandalism;
- Removal of undesirable vegetation and collecting litter; and
- Safeguarding the numerous kilometers of worn gravel verges along bitumen surfaced (tarred) roads.

#### • **Municipal Streets**

There is a concern regarding the current condition of municipal infrastructure in South Africa, specifically related to the maintenance of this infrastructure. The condition of streets can briefly be explained as follows:

- *Very Good and Good:* Roads still in serviceable condition with only routine maintenance to be done which could include minor patching or crack sealing;
- *Fair:* Half of the network is approaching an unacceptable condition; and
- *Poor and Very Poor:* Roads need to be rehabilitated. This figure also indicates the back-log which has developed due to the absence of maintenance on these roads.

The latest assessment (2011) of municipal streets in the district revealed that the average condition of the 1529 km of paved road network can be rated as fair to poor with 15% of the surfacing and 14% of the road structure in a poor to very poor state.

The replacement value of the paved streets is estimated at R3.36 billion while the estimated funding backlog is R 525 million. Unpaved or gravel streets are of a slightly lesser magnitude with but in an even worse condition with 24% of these streets in a poor to very poor condition. It is estimated that an amount of R87 million is required to upgrade these streets to paved standards.

#### • **Waste Management**

Council has completed a third generations Integrated Waste Management Plan (IWMP) for the district as a whole. Most of the local municipalities have completed or are in the process of completing their own IWMP and in combining these plans into one strategic document, a holistic view of waste management in the district can be obtained.

Through this, management issues of a district nature can be identified, investigated and implemented. The IWMP is a statutory requirement of the National Environmental Management: Waste Act (Act No. 59 of 2008) that has been promulgated and came into effect on 1 July 2009. Plan is borne out of the requirements of the National Waste Management Strategy and forms the first action plan in terms of this strategy.



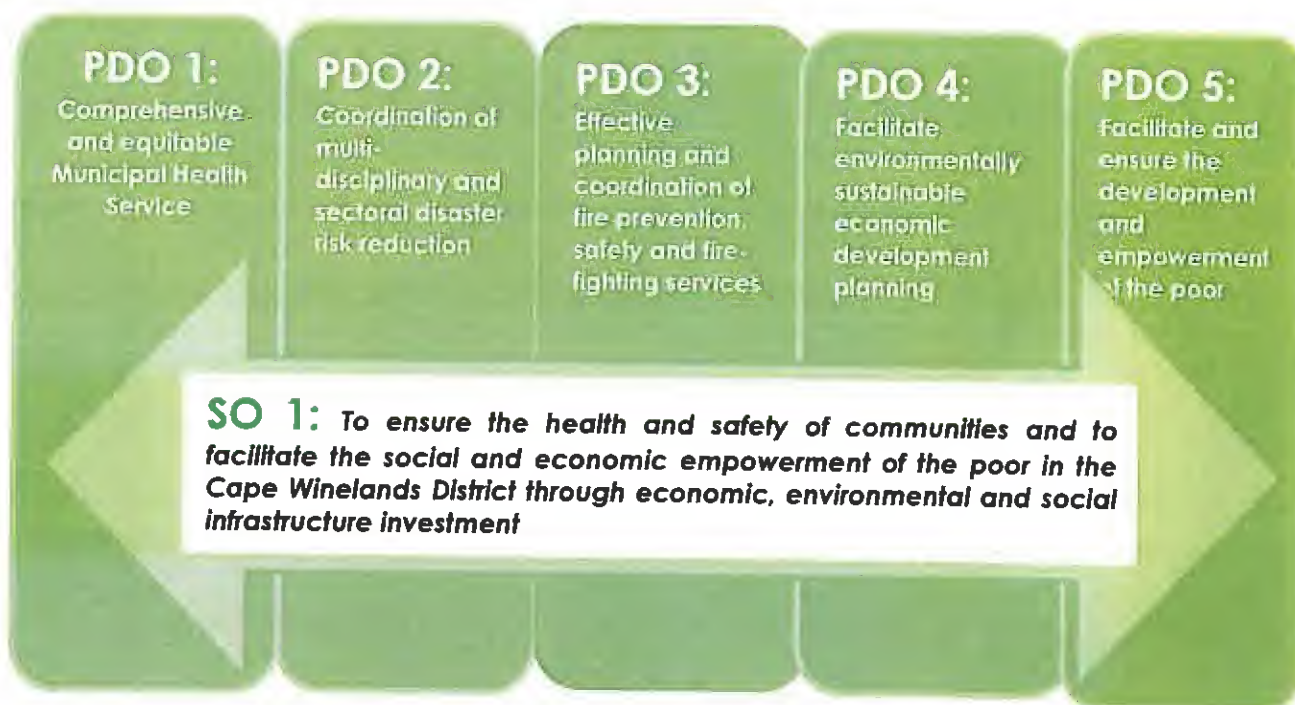
## 5.1 STRATEGIC OBJECTIVE 1

This section provides a more detailed exhibition of what interventions will contribute significantly to the attainment of our undertaking that all structures of the Cape Winelands will co-operate together towards effective, efficient and economically sustainable development.

### COMMUNITY DEVELOPMENT AND PLANNING SERVICES DEPARTMENT (CDPS)

The CDPS department's broad economic development priorities are linked to its "High Opportunity Society Strategy".

#### DEPARTMENTAL STRATEGIC AND PRE-DETERMINED OBJECTIVES



#### HOW WILL WE CREATE A HIGH OPPORTUNITY SOCIETY?

The departmental programmes are geared towards creating a high opportunity society in the Cape Winelands District by:

- Ensuring the optimal functioning of our legislative functions (fire-fighting, municipal health; disaster management and spatial planning);
- Creating an enabling environment in which business can thrive;
- Facilitating access to opportunities for the rural vulnerable; and
- Continued support for social capital formation.

#### SOCIO-ECONOMIC PROGRAMMES

- Economic Opportunities Programme;
- Rural Economic Growth Programme;
- Economic Competitiveness Programme;
- Economic Skills Development Programme;
- Social Capital Investment Programme; and
- Tourism Sectoral Intervention Programme.

# Our Partners

## International

Tourism/Trade exhibitions/roadshows  
Receiving international trade delegations  
International Organisations (e.g. Great Wine Capitals of the World)

## National

Our engagement with national departments (e.g. DTI, Tourism, etc)  
Our engagement with professional institutes (MHS, Fire, Disaster)  
Our engagement with national organisations

## Provincial

Our engagement with provincial departments (e.g. DEDAT, DCAS, etc)  
Provincial institutes/ agencies (e.g. WESGRO, SEDA, etc)

## Local

Government (Local Municipalities)  
Agencies (Local Tourism Associations, Agricultural Associations, NGOs, CBOs, Health centres, biosphere reserve, sports federations, cultural organisations, business chambers, etc.

Local government's strength is its closeness to its communities. We want to use these strengths to drive up service standards and foster a sense of community and civic pride. We have been working tirelessly in building these partnerships with communities, business, non-governmental organisations and other government bodies in the areas of rural and social development, sports, tourism, economic development, environment, safety, etc.

**PRE-DETERMINE OBJECTIVE 1.1: *Ensure a comprehensive and equitable Municipal Health Service within the CWDM.***

**MUNICIPAL HEALTH SERVICE:**

**Air Quality Management**

**INTRODUCTION**

The National Environmental Management: Air Quality Act, (Act No. 39 of 2004) (AQA) Section 15(2) required each municipality to include an Air Quality Management Plan (AQMP) in its integrated development (IDP) plan required in terms of Chapter 5 of the Municipal Systems Act. The CWDM adopted an AQMP which defined the objectives, strategies, plans and procedures in order to meet the requirements of the AQA.

This AQMP was approved by Council on 26 August 2010 and included as part of the CWDM Integrated Development Plan.

**Review Air Quality Management Plan**

The CWDM AQMP will be reviewed in 2016 as required by NEMAQA. The five year review process will be done by means of an internal review process but complex issues could require input from external technical sources.

**Air Quality Monitoring**

Ambient air quality monitoring is a principal responsibilities of both local and district municipalities. Currently the Department Environmental Affairs and Development Planning are managing ambient monitoring stations within the CWDM.

**Services to Local Municipalities**

Local Municipalities (LA) due to a lack of resources in the field of air quality management (AQM) make use of the CWDM as a centre of expertise. The CWDM provides guidance and support to local authorities within the district as and when required by local authorities.

**AIR QUALITY CHALLENGES WITHIN CWDM**

**Local Municipalities**

Despite improved cooperation a lack of appropriately skilled personnel, resources, equipment and tools in the field of air quality remains a challenge at most local municipalities

Some local municipalities has still not taken on their roles and responsibilities in relation to AQM and this has direct and negative impact on successfully implementation of the function throughout the district.

**Emissions Inventory**

The lack of a detailed emissions inventory of non-listed industries has an influence on integrated AQM decision making and the identification non-compliance. The CWDM are still using the DEA emission inventory database but this is outdated. As the National Air Quality Framework places the regulation of non-listed activities with the local municipalities, this will require priority attention once capacity with regards to human resources has been addressed at Local Municipalities. Only one local municipality within the CWDM has taken up the responsibility to update the emission inventory within their municipality.

### **Agriculture Activities**

The agriculture activities within the Cape Winelands also contribute to the number of complaints received such as crop spraying and biomass burning. The application of agrichemicals is legislated and administrated by the Department of Agriculture, Forestry and Fisheries (DAFF), with the burning of agriculture residue, weed abatement and disease prevention legislated by DAFF and get permitted by the local municipal Fire Departments. A harmonized legislative approach between all National Departments in this regard is needed.

### **AIR QUALITY SUCCESSES**

- Atmospheric Emission Licensing: All the listed activities in terms of Section 21 of the AQA within the CWDM, was issued with Atmospheric Emission License which includes various conditions and investigations which have been included to ensure minimum adverse impacts on the receptor community and the environment.
- Co-operative Government (National and Provincial): The AQO submitted an annual report on the State of Air Quality in the district and report quarterly at a provincial level. The CWDM represented and gave input towards the AQM related legislation, Provincial Technical Committees, working groups and forums.

### **Ensure a comprehensive and equitable Municipal Health Service within the CWDM.**

The National Health Act, 2003 (Act 61 of 2003) defines Municipal Health Services and determines that all District and Metropolitan Municipalities must render an appropriate and effective municipal health services in their respective areas of jurisdiction.

MHS as defined includes the following:

- Water Quality Monitoring
- Food Control
- Waste Management
- Health Surveillance of Premises
- Supervision and Prevention of Contagious Diseases, excluding immunisation
- Vector Control
- Environmental Pollution Control
- Disposal of the dead
- Chemical safety

### **Community Service for EHP's**

Section 24A (1) of the Health Professions Act, 1974 (Act 56 of 1974) makes the completion of community service for a period of 1 year compulsory for all registered health professionals before they are entitled to practise.

Thus Environmental Health Practitioner's must first complete a mandatory one year community service period at an approved service provider before such person can register as an independent practitioner with the Health Professions Council of South Africa and subsequently practice.

No Environmental Health Practitioner may practice as such without being registered. Furthermore the National Department of Health expects district municipalities amongst other authorities to provide Environmental Health Practitioners with opportunities to complete their community service.

The Cape Winelands District Municipality in its on-going commitment to human development will provide for 5 community service EHP's to be appointed on an annual basis in order to provide students from the district with an opportunity to complete their community service.

### **Municipal Health Services Plan**

Municipal Health Services will develop a Municipal Health Services plan and submit such plan for comments to the District Health Council before final submission and approval by Council as required in terms of the Western Cape District Health Councils Act, 2010 (Act no. 5 of 2010).

**PRE-DETERMINE OBJECTIVE 1.2: Ensure coordination of multi-disciplinary and sectoral disaster risk reduction through integrated institutional capacity for Disaster Risk Management, Disaster Risk Assessment and Response and Recovery.**

## **DISASTER MANAGEMENT**

Disaster Management is a Schedule 4A function in terms of the Constitution Act, 1996. In terms of Section 159(4) of the Constitution, Sections 4&5A functions must be assigned to local government by means of an agreement which would naturally include funding arrangements. The latter was never done and therefore the disaster management function has to be executed with limited financial resources, especially in the case of district municipalities. Another challenge facing the function is the persistent mind-set that disaster management is primarily a response entity and not a preventative, migratory and risk reduction approach as is intended by the Disaster Management Act, 2002 (Act 56 of 2002). This is especially relevant at municipal level, the closest form of government to communities.

Whilst disaster management is intended to be primarily a co-ordination and planning function and intergovernmental relations is therefore of the utmost importance. Not implying that good relations do not exist, there is always room for improvement in order to ensure continuity, constant and regular communication between departments, etc. It is not uncommon for the district disaster management centre not to be informed of projects and activities of other government departments within the CWDM. Many such projects may contribute to disaster management principles and objectives or in some cases may increase risk without us knowing.

The Western Cape Disaster Management Centre is well capacitated with 24 staff members. It is felt that more active support should be rendered at district and local municipal level. In the past duplication of activities occurred, for example, similar training courses in the same year.

## **EBOLA KITS**

At the Disaster Management Advisory forum held on 19 November 2014, representatives of Department of Health requested assistance in the form of 30 Ebola kits. Kits were only issued to the 5 hospitals in the district, however clinics are many times the first point of entry for ill patients and the fears exist that nurses can become victims to contract Ebola. Also, it requires 2 persons to assist a patient who has symptoms of Ebola. The cost per kit is ±R3 000, 00.

**PRE-DETERMINE OBJECTIVE 1.3: Provision of effective planning and coordination of fire prevention, safety and fire-fighting services throughout the Cape Winelands.**

## **FIRE-FIGHTING SERVICES**

The Municipal Structures Act, 1998 (Act 117 of 1998) (as amended) Section 84(1) (j) states that a district municipality has the following functions and powers –

- planning, co-ordination, and regulation of fire services;
- specialised firefighting services such as mountain, veld and chemical fire services;
- co-ordination of the standardisation of infrastructure, vehicles, equipment and procedures; and
- training of fire officers

## **The risk profile of CWDM**

CWDM surface area comprises of mountains (+/- 60%) and ground coverage is veld and fynbos (20%). Farming and plantations make up the majority of the remaining ground cover.

The region experiences fires from November to April annually therefore communities and the environment are extremely vulnerable to these types of disasters that have the potential to set back economic and social development, as the Agriculture Industry is the lead employer in the region.

Major national and regional roads and rail routes transit the CWDM and carry hazardous cargoes for local and national consumption.



## **Challenges**

In terms of the CSIR Report No: CSIR/NRE/ECO/ER/2010/0023/C which is a national Veld Fire Risk Assessment: analysis of exposure of social, economic and environmental assets to veld fire hazards in South Africa and our own on the ground experiences, it is a given fact that major veld fires has become an inherent phenomena of our region due to many factors, thus resulting in stretching our current fire services resources to its optimum. Although much planning and coordination is done with most stakeholders i.e. Landowners, B Municipalities and Provincial Fire Services, the sheer magnitude of these fires causes it to remain a challenge.

## **Recommendations**

- The current working relations and coordination within the Cape Winelands Fire Workgroup, MOA's with B Municipalities and the Metro Fire Services and Provincial Fire Services are expanded and strengthened;
- That Council maintains a core permanent fire personnel component to effect its legislative functions;
- That the peak veld fire periods be boosted with aerial firefighting support and ground crew members; and
- That Provincial Government continues and increases their financial support towards aerial firefighting resources, as CWDM is already budgeting a substantial amount for it.

## **Fire and rescue training academy**

The Cape Winelands District Municipality (CWDM) is legislated to provide training for fire personnel in terms of Section 84(1)(j) of the Local Government: Municipal Structure Act, 1998 (Act 117 No 1998) and has established the Cape Winelands Fire and Rescue Training Academy to fulfil this mandate.

The Training Academy has accreditation with the South African Emergency Services Institute (SAESI) / the International Fire Service Accreditation Congress (IFSAC) and has its head office in Stellenbosch, which is a traditionally and culturally a town synonymous with education and training. Over time, considerable investments were made in the Training Academy, thus resulting in it being one of the leading training centres in Western Cape Province.

The National Fire Protection Association (NFPA) 1001 program which consists of Firefighter I, Firefighter II, Hazmat Awareness and Hazmat Operations is being conducted at the Academy annually, attended by Fire Fighters from various Municipal Fire Departments, SA Navy, ACSA and Transnet from March to December.

To sustain the Cape Winelands Fire and Rescue Training Academy and the good work it is doing in the Western Cape, Council has to revise its current staffing structure of 1 Fire Instructor and appoint at least 2 more Fire Instructors and continue to maintain and improve training facilities, resources and equipment.

## **Preparation Plan for 2015/2016 Veld Fire Season**

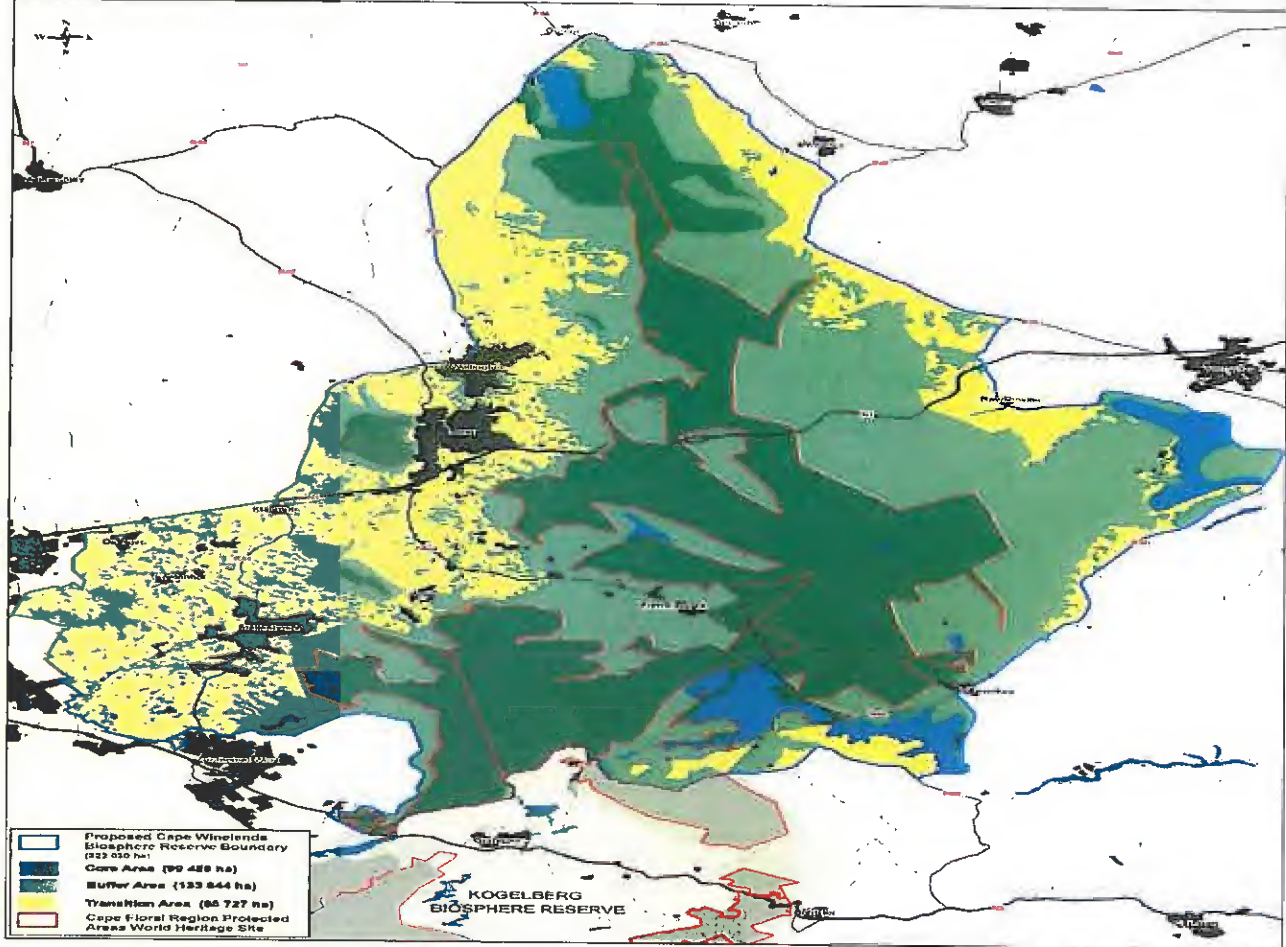
Cape Winelands District Municipality spearheaded during November 2015 a planning session at the CWDM Council Chambers in Worcester together with sixteen partners to prepare for the 2015/2016 veld fire season. The main purpose of this inclusive session was to ensure that all firefighting resources of the relevant partners are utilised in an effective and efficient manner.

Due to the very high number of fires and major fires the area is generally experiencing during the summer season, resources are stretched to optimal limits and therefore special planning and organising are required. The Fire Services of the Cape Winelands District Municipality, Cape Nature and Cape Pine will be partnering during the 2015/2016 veld fire season with the objective of cooperating in the optimisation of their organisations and resources for systematically and expeditiously managing veld fires within the Cape Winelands District municipal area.

## **Fire Protection Association**

Fire Protection Association is a non-profit organisation which is formed in terms of the Veld and Forest Act, by landowners who wish to work together for the purpose of preventing and managing fire risks. Rules are drawn up and accepted by the members. The main role of the Fire Protection Association Management is to ensure that members abide by the rules and legislation. Fire Protection Association Management also arranges training and awareness sessions.

**Cape Winelands Biosphere Reserve Map:**



**Cape Winelands Biosphere Reserve Non-Profit Organization's Interventions/Projects:**

- Bonnievale/ICE Schools Project;
- Trails as an Economic Driver in the Cape Winelands Biosphere Reserve;
- Cape Winelands Biosphere Reserve Education and Eco centre;
- Eco Coffin Project;
- Proposed Sustainable Utilization Plan Educational, Conservation, Tourism and Sport Project;
- Geocaching the Western Cape Biospheres;
- CWBR Eco Educational Bus Project; and
- Schools Eco Club Program.

For more information on the abovementioned interventions/projects please contact the following person: Mark Heistein (CEO CWBR), Contact details: 0797474632, E-mail address: [markheistein@gmail.com](mailto:markheistein@gmail.com). CWBR website: [www.capewinelandsbiosphere.co.za](http://www.capewinelandsbiosphere.co.za).



BETTER TOGETHER



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## SMART AGRICULTURE FOR CLIMATE RESILIENCE

Input for Cape Winelands District Municipality IDP  
process

9 December 2015

#### Climate Change and agriculture: what it means for Cape Winelands District

The burning of fossil fuels and other human activities such as land use change and agriculture are driving climate change globally. South Africa is committed to transitioning towards a low carbon economy through mitigation (reduction) of greenhouse gas (GHG) emissions, whilst simultaneously adapting to the inevitable changes and impacts on natural and human systems. Implementation of these measures will be most urgent at local grassroots level, where the consequences of climate change play out. The National Climate Change Response White Paper (2011) has identified local authorities as key role players in responding to climate change through local activities. Following the guidance provided by the Western Cape Climate Change Response Strategy (WCCCRS, 2014), municipalities in the province are starting to engage with climate change and embrace related opportunities. Cape Winelands District Municipality has shown leadership in recently drafting a District Climate Change Response Strategy.

This discussion paper focuses on the specific climate risks, vulnerabilities and needs of the agricultural sector in the Cape Winelands District as guided by the Western Cape Climate Change Response Framework for the Agricultural Sector (WCCCARF, 2015). This Framework is the outcome of the Smart Agriculture for Climate Resilience project (SmartAgri), an initiative of the Western Cape Department of Agriculture and the Western Cape Department of Environmental Affairs & Development Planning (DEA&DP). It flows from one of the nine focus areas in the WCCCRS: Food Security, with strong linkages to other focus areas. It should be noted that the sector risks and vulnerabilities are in addition to those already identified in the Cape Winelands Climate Change Response Strategy and in key sectors such as disaster risk reduction, ecosystem services, risks to transport infrastructure etc.

While agriculture is sensitive to variable weather conditions within seasons and between seasons, the impacts of medium to longer term climate change will differ widely from place to place. The scale of the impacts will depend on local weather patterns and topography, farming systems, commodities, natural resources such as soils and water, and socio-economic situations. Without an adequate and timely response, climate change could severely disrupt agricultural production and food security, constrain the future development of the sector, and threaten jobs, livelihoods and the local economy. Climate change and climate variability already have a direct impact on the ability of municipalities to meet their own service delivery objectives.

The Western Cape is expected to be particularly hard hit by the combination of warming and additional stress on already constrained water supplies. The Province is prone to damaging climate extremes and disasters, particularly floods, droughts, hail and fires, and the Cape Winelands has experienced a number of such events in recent history. The weather data shows that warming of approximately 1.0 °C has occurred over the last 50 years, particularly in mid-to late summer, and the number of annual rain days has decreased, more so in autumn.

Climate studies show that the province will experience continued warming, including higher maximum temperatures and more very hot days. Expected increases in mean annual temperature for mid-century are in the range of 1.5 °C to 3 °C, with the coastal areas tending towards the lower part of this range. Greater increases will be experienced further inland.

Reductions in winter rainfall are likely across the western parts of the province by mid-century and thereafter, although some models indicate possible wetting in spring and early summer. Conditions will increasingly favour intense rainfall events which could increase the risk of flooding. Both increased and decreased rainfall should be considered by farming communities and decision makers in Cape Winelands District.

#### Risks and impacts of climate change on agriculture in Cape Winelands District

The agricultural sector in the Cape Winelands District directly provides 21% of jobs in the district with many more jobs in agri-processing and the food value chain. The district produces 34% of provincial agricultural output and a majority of agricultural exports. Recent trends show strong economic development driven by financial services, manufacturing, retail, transport, construction and tourism, but significant job losses in the agricultural sector. High rates of population growth, expansion of settlements, lifestyle and tourism developments are placing significant pressure on agricultural land, water and energy resources in some parts of the district, notably Stellenbosch and Drakenstein Municipalities. Efforts must be stepped up to protect agricultural land that holds long term agricultural and food security value.



The agricultural sector of the Cape Winelands District is responsible for approximately 9% of district-wide energy use, 23% of Eskom supplied electricity use, and 16% of GHG emissions (not including emissions from transport). Electricity dominates energy supply and emissions. Transport is the largest consumer of energy in the district, and together with industrial and residential consumption accounts for 68% of GHG emissions.

The risks and impacts of climate change will differ across the Cape Winelands District. The following map (Figure 1) presents the agro-climatic zones (as defined for the SmartAgri project) found within the Cape Winelands District Municipality.

Figure 1 Map of SmartAgri Zones and District / Local municipality boundaries for Cape Winelands District Municipality



Farming systems in the Cape Winelands District are dominated by irrigated crops and intensive livestock production. Rainfed crops, pastures and rangelands, as well as extensive livestock, are farmed in areas with insufficient irrigation potential such as parts of the Breede, Bokkeveld and Tankwa-van Wyksdorp zones. Crop farming (wine and table grapes, deciduous and citrus fruit, olives, vegetables, berries, flowers) in most areas of the district is unlikely to be seriously affected by gradual warming but will be vulnerable to increases in extreme weather (heavy rainfall, strong winds, hail, heat waves), shifting risks of pests and diseases, and insufficient soil moisture and water for irrigation in some seasons. The cooler Bokkeveld will remain a core production area for deciduous fruit, and the cooler wine production areas will also persist, albeit with shifting varietal combinations. However, warming will reduce winter chill unit accumulation and cause crops to shift their developmental patterns, thus affecting harvest dates and quality. Irrigation demand will increase.

The impacts of climate change on intensive livestock production systems (chickens, eggs, pigs) will be felt through greater cooling requirements and reliability of cooling systems for climate controlled housing units, access to a sufficient and clean water supply, increasing risks of diseases, and impacts on the feed supply chain. These animals are also highly sensitive to heat and nutrition stress, which reduces fertility, growth and meat yield and quality, and can cause death. Producers are likely to have to pay higher input costs relating to feed, health management and energy consumption. Strong winds and flooding pose direct risks to housing and related infrastructure.

Decreasing water quality, increasing fire risk, invasive alien plant infestations and biodiversity loss are currently serious threats and set to worsen under climate change. High frequency of fires will increase erosion risks, and will be heightened by greater densities of invasive alien trees. Initiatives to deal with these problems exist and need to be substantially stepped up. In addition, ecosystem services linked to agriculture more broadly need to be strengthened and supported, for example flood attenuation, and the health of the honeybee population which renders critical pollination services.

Subsistence, emerging and smallholder farming systems are expected to be at high risk due to their poorer access to irrigation water and technologies, financial support and other resources. Any adverse impacts on the agricultural sector and its extensive value chain, and the employment it offers could heighten levels of poverty, drive urbanisation, and increase food insecurity, thus increasing pressure on social services. The well-being of agricultural workers is likely to be affected by increasing heat stress, diseases associated with floods and poor water quality, and physical danger associated with storms, floods and fires. Poor nutritional status and other health threats (HIV/AIDS, substance abuse) prevalent in the region render rural workers less resilient to the demands of agricultural labour under stressful conditions.

#### **A provincial strategic response to climate change and agriculture**

The WCCCARF is the first sectoral climate change framework following on the Western Cape Climate Change Response Strategy (WCCCRS). It takes a systems approach to securing sustainability and resilience by addressing both adaptation and mitigation in agriculture while providing economic, ecological and social benefits. It draws on what farmers and agri-businesses are already doing in responding to climate risks; however, the scale of the threat will also require innovation and backing through policy, practical and relevant information, support and coordinated action, so that all role players in the agricultural sector and in government can optimise their decision making.

The WCCCARF suggests a focus on the following four strategic focus areas (SFA):

1. Promote a climate-resilient low-carbon agricultural sector that is productive, competitive, equitable and ecologically sustainable across the value chain
2. Strengthen effective climate disaster risk reduction and management for agriculture
3. Strengthen monitoring, data and knowledge management and sharing, and lead strategic research for climate change and agriculture
4. Ensure good co-operative governance and joint planning for effective climate change response implementation for agriculture

The WCCCARF will be executed through a commodity specific, spatially explicit and time bound Implementation Plan, accompanied by a Monitoring and Evaluation Plan.

#### Adaptation measures for Cape Winelands District

On a production level, agriculture in the Cape Winelands District shows fairly high levels of adaptive capacity, with only a few commodities likely to come under direct threat with a moderate warming (until mid-century). However, resilience may be declining because of multiple stressors interacting with climate, a higher frequency of climate events (floods, droughts, hail, fires) with insufficient time for recovery, and generally more difficult conditions in some of the more marginal regions. Land degradation is a serious concern.

The agricultural sector is adapting by responding to the demands posed by current climate variability and extremes in the context of other equally challenging socio-economic drivers and pressures. Although there are some anticipatory responses, most of the current responses are reactive and focused on the short term. A more integrated system-wide response with all role players will help the sector to scale up effective strategies, innovate, and move towards a longer-term transformation. In addition, adaptation must be aligned with sustainable development and job creation.

Climate change could also bring opportunities for agriculture in the Cape Winelands District. These include the following possibilities:

- The highly developed and integrated water supply system for the greater Cape Town area (the Western Cape Water Supply System, WCWSS) provides a reasonable degree of resilience to potential climate change impacts for this main demand center and the intensive agriculture practiced within its boundaries. Future additional water sources and re-use of water are receiving high levels of attention from water planners. As long as water supply is well planned and managed, catchments are protected and rehabilitated, and the dams fill up, these parts of the Cape Winelands should remain important production regions for high value irrigated crops.
- The district becomes suitable for crops not historically grown here, either migrating from the north-west (e.g. rooibos) or from the north (sub-tropical crops such as avocados) as the climates there become less suitable
- Growth potential for climate resilient local fynbos species
- Roll-out of renewable energy technologies in the agricultural sector creates a thriving Green Economy with opportunities for manufacturing, entrepreneurs and skilled technicians, and real benefits to farmers
- Climate change understanding and responses are used to invigorate a more systems- and future-orientated agricultural training and skills development programme leading to a reduction in youth unemployment.

#### Mitigation measures for Cape Winelands District

The generation of electricity and the use of liquid fossil fuels such as diesel leads to greenhouse gas emissions which cause climate change, but energy is an essential input in agricultural production and processing.

The energy crisis and climate change are both driving the need for increased efficiencies of energy use and the greater use of renewable (non-fossil) energy sources such as wind and solar, in order to reduce GHG emissions. Farmers and agri-businesses who need energy for the following activities and equipment are most impacted: irrigation, cooling and cold stores, driers for fruit, packhouses, wineries and climate controlled poultry batteries and piggeries. The farming sector can install photovoltaic systems on the roofs of farm/processing buildings (e.g. sheds, packhouses), or attached to water pumps, to increase reliability of supply, bring down costs, and simultaneously reduce the carbon footprint of the farm operations.

Farming systems which restore and rehabilitate croplands and rangelands and build up the soil carbon and soil water holding capacity also contribute to reducing carbon in the atmosphere. Conservation Agriculture has already been widely adopted in other parts of the Western Cape and holds huge potential for both mitigation and adaptation (particularly stemming the loss of topsoil and increasing soil water holding capacity) and increased resilience if its uptake can be increased in the Cape Winelands District, especially in terms of planted pasture systems, potatoes/onions, and an adapted CA approach for vineyards and fruit orchards.

#### **Institutionalising climate change responses in Local Government**

Implementation of climate change mitigation and adaptation in agriculture is best achieved on the frontline of impacts and vulnerabilities. While farmers have always responded to variable weather patterns and will continue to play the primary role in responding to climate change, Local Government is well positioned to play a strategic and facilitative role and to ensure that an enabling environment is created where effective responses can thrive. This is because Local Government is close to communities in terms of service delivery and understanding their vulnerabilities and needs. Locally-specific solutions are generally more effective and sustainable than attempts at one-size-fits-all high level efforts. In the context of the agricultural sector, Local Government is also well positioned for pragmatic and solutions-focused engagement with local farming communities and agri-businesses. The challenges and opportunities require appropriate planning and response by municipalities.

The following key approaches to supporting climate smart agriculture in the Cape Winelands District, and which fall within the mandates of the municipalities, should be mainstreamed into local planning processes. It should be acknowledged that the Cape Winelands District Climate Change Strategy and the response plans of some municipalities already contain some responses that will interlink with the Agriculture responses:

***Water, waste and energy services:*** Effective, efficient and sustainable management and use of water, climate friendly waste management in rural areas and from agri-processing facilities, and efficient use of energy and rolling-out of renewable energy technologies and accompanying implementation of the anticipated national regulatory framework.

***Natural resource and biodiversity management:*** Catchment management including intensified clearing of invasive alien plants, wetland and riparian protection and rehabilitation, restoration of grazing land and soils, erosion control, and building of ecological infrastructure.

***Disaster risk reduction and management:*** Climate change integrated into joint flood/ drought planning and early warning systems; agricultural and transport infrastructure protected from and resilient to climate disasters; local capacity in fire fighting and fire risk reduction strengthened.

***Land use planning:*** Applying SPLUMA (particularly the criteria of resilience within this) and LUPA into integrated land use planning at district level to protect agricultural land that holds long term agricultural and food security value, and its supporting ecosystem services; ensuring climate change and agriculture integrated into the Cape Winelands Spatial Development Framework.

***Local economic development, rural development and job creation:*** Climate risk assessment integrated into economic development planning linked to agriculture and resource use; investment in low carbon and climate resilient agri-processing and value adding opportunities, including integration of climate change into the proposed AgriParks and Project Khulisa (agri-processing) to secure long-term return on investment and sustainable job creation.

***Well-being and food security of rural communities, farm workers and urban farmers:*** Raise awareness and provide relevant information on climate change risks, impacts and vulnerability amongst rural communities, farm workers and urban/peri-urban farming households; provide knowledge and advice, and support access to technologies and resources for climate resilient food gardens at municipal level.

***Partnerships:*** Support joint partnership initiatives with the private sector, for example river rehabilitation and waste management projects; seek more opportunities to meet directly with farming communities, to establish trust and accessible channels of communication needed for an effective joint climate change response; strengthen existing partnerships with National Government departments and SALGA.

***Transversal joint planning:*** Develop greater awareness and understanding of climate change impacts and responses at local government level and its role in enabling a resilient rural economy; bring climate change/agriculture onto the agenda of municipal IDPs and SDFs and put in place a framework with minimum requirements of what the strategic plans need to include in terms of climate change and agriculture; ensure that trade-offs and synergies are understood and met with available science and robust analysis; build on existing work with DEA&DP and its Climate Change

Municipal Support Programme, and linkages to the Department of Environmental Affairs Local Government Support Strategy and related programmes.

***Nested and integrated policy at local level:*** Support the continuation of the drive (under the Municipal Support Programme) towards approval and implementation of the Cape Winelands Climate Change Response Strategy, and developing the B Municipality Adaptation Plans (Drakenstein already completed). These plans are a first step that aims to create an enabling environment which will support a district-wide and a coordinated response to climate change in the Cape Winelands District. The provincial plan for the agricultural sector as it relates to the Cape Winelands District (and other sectoral plans which will follow) should be seen as a seamless “deep dive” to provide further specific guidance within the overall municipal and provincial response (WCCCRS) and to highlight areas of greatest risk and of opportunity.

#### **Future projects and budget implications**

The Climate Change Response Framework and Implementation Plan for the Agricultural Sector builds on a foundation of existing best practices, programmes and projects which will help to build resilience in the sector. These are frequently already embedded in various institutional work plans and budgets and thus require further support in the form of greater resource allocation or more efficient use of resources so that they can be scaled up and out across the province. Many other responses require no additional projects or resourcing and will depend only on the inclusion of climate change as an additional lens during decision making processes. Ideally, climate change responses should in the longer term not be labelled as climate change projects, but should take the form of mainstreaming into all development, social and economic planning and implementation processes. They should, however, be evidently based on sound climate science and in the short term still identifiable as climate responsive.

Nevertheless, in the short and medium term, specific projects will also need to be developed and resourced. These will be prioritised and driven forward by the provincial departments (in partnership with the private sector and others) starting in April 2016, and budget allocations and other sources of investment will be sought for this purpose. An important consideration is that, as an economic sector driven primarily by the private sector, farmers, the businesses which support them, the role players in the value chains, and the industry associations will themselves need to drive large parts of the Implementation Plan, leaving provincial and local government to support them and provide the higher level strategic integration and climate change response monitoring and evaluation. This support can take the form of risk-appropriate management of municipal infrastructure and services, risk-appropriate land use planning, identification and support of the most vulnerable farming communities at ward and municipal level, facilitation of partnerships, economy-wide transition to cleaner fuels, strengthening of regulatory processes, identification and reduction of barriers, and communications and awareness raising with the farming communities and other affected communities. Disaster risk reduction and management is an area where local government has a very important supporting role.

Finally, respected international research shows that the overall costs of climate change risks and impacts, if no action is taken, are likely to amount to at least 5% of GDP each year, now and forever, and could reach 20%. If action is taken now to reduce the worst impacts of climate change the costs will be a fraction of this.

#### **Community involvement and awareness raising**

Climate change will influence agriculture in the context of multiple interacting drivers and pressure points. For the Cape Winelands District these include social ills amongst farmworker communities (substance abuse, lawlessness, unemployment, food insecurity and ill health), in-migration and population growth, pressure on water and energy supplies, and market pressures. Climate change responses will depend as much on addressing these pressure points as on preparing for a different climatic future. Thus, municipal successes in dealing with these challenges would indirectly help to make the sector more resilient.

It is vital that grassroots communities are engaged in better understanding climate change and how it will affect their well-being and livelihoods. For the agricultural sector this will include not only commercial farmers and their

employees, but also those citizens who tend household and community gardens and keep livestock in urban and peri-urban areas. Local Government, by nature of its close interaction with communities, has a critical role in this engagement and process of education and joint solution seeking.

### **Possible Impacts on the Economy: Vulnerable Sectors**

This section is informed by the Cape Winelands District Spatial Development Framework (2011).

The Cape Winelands area which is home to 692 291 people falls within three water catchments areas namely the Bergriver, Breede and Oliphants/Gouritz River Catchments where water supply is largely insufficient. The impacts of climate change in the district, in terms of precipitation and temperature, will contribute strain to an already water-stressed environment. This projection puts further strain on government when considering that the CWDM area has a 21% unemployment rate with 25% of its inhabitants living in poverty.

This section looks at the impacts on the major economic sectors. Cape Winelands District is the second largest economy in the Western Cape, the district contributes 10% to the Gross Domestic Product (GDP). The diverse economic base is made up of the following:

- Manufacturing (17.1%);
- Finance, real estate and business services (18.3%);
- Wholesale and retail trade, catering and accommodation (14.6%);
- Agriculture & forestry (14.7%);
- General government services (23.3%); and
- Transport, storage and communication (6.2%).

#### **1.4.3.1 Agriculture**

The agricultural sector is directly responsible for 23% of formal employment opportunities in the Cape Winelands district. The most important agricultural activities in the area are poultry farming, viticulture and horticulture - a large proportion of which is grown for export markets. It is also one of the largest water users (due to irrigation) forming the backbone of the local economy and other sectors such as tourism, manufacturing, wholesale and trade. These industries are dependent on its linkages (Boland District Municipality, 2004). Plant growth and therefore food production is determined by temperature, moisture, solar radiation and soil conditions. Changes in these conditions directly impacts agriculture.

#### **Fruit industry**

A case study by Louw (2007), states that the fruit industry is impacted upon more by extreme events than by changes in averages. For example, if heat waves raise temperatures above 35°C, average yield losses will increase from 10% to 50%, resulting in large economic losses in the district.

Water quality and quantity in the context of fruit farming are also important aspects to consider. The quality of water in the district was in some areas found to be substandard for imports to the European Union. This is largely attributed to increased pollution levels where informal settlements are located along major rivers (Louw, 2007). The decline in water quality could be further exacerbated by climatic change, since concentrations of E. Coli is predicted to increase under higher temperatures. Increased bacteria in river systems also has health implications for the district.

According to Midgley et al. (2005), the availability of water resources in the region is limited, with little scope for increasing water supply in the form of constructing new dams. The already tightened water supply conditions are vulnerable to drought, as is periodically experienced in the region. Therefore a decrease in the availability of water will have numerous repercussions in this region and adaptations will be required are much greater efficiency in use. Since fruit trees are sensitive to soil moisture, extreme rainfall and flooding can have major impacts on quality and quantity of fruit yields. As a result of changing climate conditions, fruit farmers are starting to substitute orchards with vineyards (Louw, 2007).

#### **Viticulture**

Even though a variety of deciduous fruit and vegetables are products of the District, viticulture is the main agricultural activity. In a national context, approximately 76% of producer cellars and 84% of private wine cellars are located in the



Cape Winelands (SAWIS, 2014). During the wine making process, a lot of water is used in cleaning and manufacturing practices. This is in addition to any irrigation methods that may be used. It is estimated that between 1 and 4 litres of water are required in the production, excluding irrigation, of every litre of wine (Carter, 2006). According to Carter (2006) climatic conditions are critical in the viticulture industry as wine production has narrow climate suitability. Climate variability determines the annual fluctuations in vintage quality.

In terms of direct increase in carbon dioxide emissions, an increase in CO<sub>2</sub> encourages greater biomass accumulation (larger fruit/yields), which could lead to an inferior quality of vine, subsequently affecting prices and profitability. On the other hand, decreased precipitation leads to reduced water availability. The impacts of water shortages on the wine industry might include:

- Increased price of wine – production inputs increased from higher water pricing, increased use of irrigation water, implementing drip irrigation schemes to all vines or uprooting of cultivars less suited to future climate;
- Reduced number of wine growers – smaller profit margins discourage new enterprises (large capital investment needed on outset), growers already making low returns forced out of business, borderline climatic zones pass threshold of temperature suitability (wines quality reduced and therefore less profitable); and
- Implementation of adaptive strategies – shade netting, drip irrigation etc. and/or the planting of more suitable cultivars (Carter, 2006).

In recent studies, the warming trend has increased the quality of wines. However, in some areas where the warming has been more pronounced, there seems to be a threshold over which quality can be forfeited, if ripening occurs too early (Carter, 2006). Higher temperatures as a result of climate change also affect moisture levels and will translate to increased evapotranspiration. According to Carter (2006), increased evapotranspiration may lead to increased water stress and subsequently lower yields. This in turn may impact on marginal returns on the product.

The productivity of this industry also has major implications for employment in the region with 23% of the area's labour force employed by the agricultural sector (Stats SA, 2011). A large proportion of unskilled labourers are dependent on seasonal employment during the pruning and harvesting seasons in the grape and fruit producing areas of the district. Fluctuations in productivity may place pressure on social services and infrastructure. In addition, it may contribute to uncertainty regarding the unemployment rate in the district (CWDM Growth & Development Strategy, 2006).

Furthermore, the wine industry and environmental eminence of the district, draws a lot of visitors to the area and is a large contributor to the tourism industry. According to the Cape Winelands District Municipality (2006), tourism real estate accounts for 97% of investments in the area. According to the Regional Tourism Trends (2014) currently 51.9% of overseas tourists and 47.3% domestic tourists visiting the Western Cape Province visit a wine route. In the Cape Winelands, the wine industry is much wider than signified by the ordinary meaning of the word 'wine'. Brandy and activities associated with its production, such as rebate wine and distilling wine, have always formed a significant part of the Cape Winelands wine industry. In recent years, grape juice and grape juice concentrate for use in non-alcoholic beverages, and not just for the sweetening of wine, has also become more prevalent (SAWIS, 2014)

The South African Wine Industry Information & Systems (SAWIS, 2006) reports that visitors are also attracted by numerous culinary festivals, wine competitions and shows, arts/culture fairs, open-air shows, harvest festivals, flower shows, fun runs and marathons, carnival and events held by the University of Stellenbosch and the other tertiary institutions. Other popular activities include church and school bazaars, arts and crafts stalls, music shows, theatre and drama events, etc.

Evidently, the link between the wine industry, conservation and tourism provides employment opportunities. It also contributes to the upliftment of rural communities and the heritage of the district. It is therefore suggested that declines in the productivity of the wine industry or the integrity of the natural environment will have direct impacts on the benefits generated from tourism and result in economic losses.

It is clear that climate change has the potential to have a severe impact on agriculture in the district. Not only will competition in the water market increase, but the agricultural losses will have a large impact on local economy (Louw, 2007).

#### 1.4.3.2 Manufacturing Sector

The manufacturing sector is also characterized by its linkages to the agricultural sector. The main manufacturing activities in the Cape Winelands District are in the food and beverage sectors, more specifically wine and brandy, juice products, dried and tinned fruits. The Cape Winelands wine industry thus encompasses wine (natural, fortified and sparkling), rebate wine, distilling wine, brandy and other spirits distilled from distilling wine, grape juice, and grape juice concentrate for use in wine and non-alcoholic products (SAWIS, 2014). Some of the main manufacturers include KWV Holdings, the largest wine organization in South Africa.

Another dominant manufacturing industry is the production of dried fruit, SAD being South Africa's leading producer of dried fruit products. These industries are likely to be impacted by climate change through changes in supply, operations, employment as well as preferences in the consumer market. The sectors assumed to be most vulnerable to changes in climate are those whose processes add value to natural resources i.e. agricultural products, forestry products, paper etc. (Wesgro, 2004).

However, some manufacturers may not be negatively impacted by climatic changes, such as those operating in climate control e.g. air-conditioning, coping with extreme events, water conservation and recycling businesses (Wesgro, 2004).

Other indirect impacts may include government policies such as carbon taxes, increase in production costs and customer behavior. For example, clothing preferences may change due to climatic changes (Business Day, 2005).

#### 1.4.3.3 Other Services

The Financial, Real Estate and Business Services sector is continually expanding with the improvement of the economic environment in the region. Activities in this sector, especially tourism real estate, accounts for 97% of investments in the area. Corporate and institutional head offices located in the district include British American Tobacco, Medi-Clinic Corporation, Distillers Corporation and KWV Holdings. Wholesale and retail is another sector that is closely linked to the agricultural and manufacturing sectors. Therefore, impacts on the aforementioned sectors will have an indirect impact on business and financial services.

#### 1.4.3.4 Health

The health impacts of climate change are largely unfamiliar but there is growing evidence that the effects will be (and in some cases already are) profound. In recent years, assessments of these effects have shifted from projections and models to scientific observations (Louw, 2007). Many of the leading causes of premature mortality in the Cape Winelands district are closely related to environmental health, socio-economic conditions, the availability of clean water and access to sanitation. These causes (excluding Drakenstein and Stellenbosch) are:

- Tuberculosis;
- HIV/AIDS;
- Homicide;
- Road traffic deaths;
- Pneumonia;
- Chronic obstructive pulmonary disease;
- Ischaemic heart disease;
- Low birth weight and respiratory distress syndrome;
- Stroke; and
- Diarrhea

According to the Western Cape Government Regional Development Profile (2012) the 89 Public Health Care (PHC) facilities within Cape Winelands comprise of

- Community day centres;
- 44 clinics;
- 7 satellite clinics;
- 27 mobile clinics,
- 4 district hospitals; and
- 2 regional hospitals.

Within the Cape Winelands District, Drakenstein Municipality has the largest number of PHC facilities at 27, followed by Breede Valley at 19, Witzenberg at 17, Langeberg at 14 and Stellenbosch Municipality at 12.

Cape Winelands District furthermore has 10 ambulance facilities located across the region with 2 in Witzenberg, 1 in Drakenstein, 1 in Stellenbosch, 3 in Breede Valley and 3 in Langeberg.

## **WORKING FOR WATER**

The Working for Water programme is a partnership between Department of Environmental Affairs and Cape Winelands District Municipality. The programme through this partnership are implemented by the Cape Winelands District Municipality on a year partnership agreement that are renewed every three years. The programme are currently implemented in the Berg River Catchment , this catchment has been prioritised as the most important catchment in the Western Cape.

### **Mission**

The Working for Water programme will sustainably control invading alien species, to optimise the potential use of natural resources, through a process of economic empowerment and transformation. In doing this the programme will leave a legacy of social equity and legislative, institutional capacity.

### **OBJECTIVES**

Through the control of invading alien plants we shall:

- Enhance water security
- Improve the ecological integrity of natural systems
- Restore the productive potential of the land
- Invest in the most marginalized sectors in Municipality and enhance their quality life through job creation
- Develop the economic benefits from wood, land, water and trained people
- 

### **BUDGET**

The Working for Water programme have a yearly budget of R4,2mil.

### **Project Participants**

The participants on the project are selected for the following local areas:

- Groendal
- Langrug/Mooiwater
- La Motte bosdorp
- Wemmershoek bosdorp
- Meerlust
- Lanquedoc
- Johannesburg
- Kylemore

### **WORK OPPORTUNITIES**

The Working for Water programme creates sustainable work opportunities for 720 people per year. Work opportunities are also created for 15 SMME's.

## **LOCAL ECONOMIC DEVELOPMENT**

### **CAPE WINELANDS INVESTMENT ATTRACTION AND OPPORTUNITIES PROGRAMME**

The Cape Winelands District Municipality (CWDM) is compelled to formulate strategic policies and developmental initiatives that stimulate economic development at local level. As a means of addressing this task and providing a strategic facilitation role in regional investment, the CWDM has developed the Cape Winelands Investment Attraction and Opportunities Strategy (CW-IAOS).

The primary goal being, to provide guidelines that would promote and facilitate investment in the Cape Winelands area by focusing on:

- retaining and expanding existing businesses,
- identifying investment opportunities in the area; and
- attracting new investment into the area.

#### **Business Retention and Expansion Programme**

The BR & E Programme will continue to provide support to establishments within the Tourism industry in order to retain and expand their business operations. Special focus is also placed on the niche tourism development areas (i.e. **sport/outdoor tourism** (sports events, cycling, mountain biking, canoeing, running, etc.); **accessible tourism** (focused on access for people with disabilities) and **multi-generational tourism** (family friendly) as areas to be exploited for further growth.

#### **Investment Attraction Programme: Tourism Mobile Apps Project**

The Tourism Mobile Apps project will be launched in Tourism Month 2016. During the 2015/2016 financial year, a smart mobile application has been created which can be downloaded from an App store. The purpose of this tourism mobile app is to offer tourists a product that is compatible with all media and can be an information guide about a specific town, tourist routes, places of interest, monuments, restaurants, accommodation, leisure, nightlife and shopping. Additional functionalities will be added during the 2016/2017 financial year.

#### **Attracting new investment**

The Cape Winelands District will participate at two exhibitions, the SMME Opportunity Roadshow and the Namibia Tourism Expo. The SMME Opportunity Roadshow will be attended for a second year and is held at the Cape Town International Convention Centre. This expo is focused on providing a platform for local SMMEs within the district. The Namibia Tourism Expo will be attended for the 5<sup>th</sup> year in Windhoek. The aim of these exhibitions is to provide brand recognition of Cape Winelands products/services both domestically and internationally and provide opportunities for generating additional revenue for the SMMEs and thus expanding the District tax base.

### **BUSINESS SUPPORT PROGRAMME**

#### **Entrepreneurial Seed Fund Programme**

This programme aims to provide seed funding to SMMEs within the District to either start or expand their businesses in order to create self-employment as well as employment generation opportunities for unemployed persons within the District. The selection process of the beneficiaries has significantly improved and SMMEs which are more focused on a specific trade has provided more prestige to the Programme. The entrepreneurs now have an opportunity to showcase their talent and live their passion through the creation of a product or service that they are proud of. The successful entrepreneurs receive funding in the form of purchases of goods and equipment to be utilised in their businesses. It is expected of the beneficiaries to participate on the Cape Winelands Mentorship Development Programme where they receive support in the form of business mentoring. The allocated grant funding ranges from R5000-R30 000.

#### **Cape Winelands Mentorship Development Programme**

The Programme provides mentorship to the beneficiaries of the Entrepreneurial Seed Fund and Small Scale Farmers programmes. Incorporated in the mentorship programme is special focus on business management, basic bookkeeping and accounting and marketing. This programme will be facilitated by a service provider for the second year of a three year contract. The service provider also administers the purchasing of equipment on behalf of CWDM. Regular engagements will occur between the service provider and the LED officials regarding the progress and challenges of each of the beneficiaries.

### **Small Scale Farmers Support Programme**

This programme aims to contribute to the rural growth and development of sustainable food security by providing financial support to emerging and small scale farming projects in the Cape Winelands. Together with the service provider of the Cape Winelands Mentorship Development Programme, opportunities to access additional funding and assistance from other government institutions will be introduced to provide support to beneficiaries.

### **RESEARCH AND INFORMATION MANAGEMENT PROGRAMME**

#### **Tourism visitor tracking survey**

The aim of this programme is to keep up to date economic information to make informed decision and evidence based planning. The Cape Winelands District Municipality continuously do an analysis of the major economic sectors in the Cape Winelands. This is to ensure that the local government is informed on what sector specific interventions to implement to create conducive environment for local economic development.

To make sure that we keep up to date information on the development of industries, the Cape Winelands District Municipality is working more closely with Wesgro and the Local Tourism Associations in the region in terms of data collection. The Cape Winelands District Municipality will print and distribute the visitor tracking forms to the Local Tourism Offices and the big tourism attractions.

#### **Local Economic Development Management System**

The Local Economic Development System is a system that is designed to make it easier for LED Facilitators and for partnering stakeholders to do their LED work better. It helps the user to understand their tasks better, communicate better and control operations. The system introduce good practices for Information and knowledge management, quality management, project management, LED system configuration management and stakeholder relations management.

The LED System will be a platform to establish and manage economic development initiatives amongst development partners. It will explicitly map and track and value added. It defines the patterns of cooperation for all to understand.

The Cape Winelands District Municipality has acquired a licence for the LED Management System. The system will be used as a tool to make economic development coordination better amongst stakeholders. It will also allow the Council to track progress and performance real time.

### **TOURISM**

#### **Tourism Product Development**

Tourism Product Development focusses on the development of new and existing products within the tourism industry. The municipality tries to provide tourism products with the necessary training and skills to enhance their quality of service and business management. New Tourism Products need to be developed in order for the Tourism Industry to be a vibrant industry that can offer an array of different products and experiences. Therefore the two projects, namely LTA Projects and Tourism Training, currently being implemented in the whole Cape Winelands District Municipality are essential.

#### **LTA Projects**

The tourism industry in CWDM is a predominantly white owned industry. In order to promote and accomplish transformation in this industry we need to encourage LTA's to do development in their respective towns, and thereby include their local communities within the industry. The LTA's are mainly funded by the Local Municipality to whom they are accountable for in respect of the money received. Their main focus is overall marketing, and they have to utilise their funds according to the agreement with the Local Municipality and Members. CWDM is therefore providing the LTA's with an incentive through funds for developmental projects, and hereby indirectly getting them to include and develop their local community. The aim of these projects is to uplift local communities and make them part of the tourism industry and also improving on quality of service and awareness of tourism in our respective municipal areas.

### **Tourism Training**

With the assistance of local municipalities, community workers, role players and LTA's we have managed to compile a comprehensive database of community members needing assistance with training and product development. Linkages with SEDA and other institutions also assist small businesses with mentoring, registering their businesses, applying for funding or tendering at various institutions. The CWDM offers training that focusses on the unemployed and youth. The training aims to up skilling these groups in order to get jobs or giving them the platform to acquire more skills and being able to continue studying in a specific field in the tourism industry.

The following training has been identified as being essential for the development of our tourism businesses and to assist them to become sustainable businesses.

#### **Culinary Training**

The training focus on caterers, B&B Owners, Unemployed, Youth and Restaurant staff. Trainees are trained in the Culinary Art on a theoretical as well as practical basis. The training includes life skills, personal and work related hygiene, effective time management etc. With this training, trainees acquire unit standards which can be used to further their studies at CPUT as Assistant Chefs. A significant number of our trainees got employment after they've acquired the certificate, which is our ultimate goal for job creation or giving them the necessary skills to get a job or further their studies.



#### **Social Media Training**

With tourism industry becoming more technologically advanced we need to explore more cost effective avenues for our SMME's to be able to market their businesses. With the current economic climate tourism businesses are not able to afford exploring all marketing platform anymore. Therefore it is essential for us to equip our SMME's with the knowledge and skills to market their businesses online. We had a 2 day workshop on social media for product owners which was very successful as most of them are marketing their businesses successful on Twitter as well as Facebook, which saved them lots of money on marketing collateral i.e. brochures etc.

#### **Events Management**

This training was sought after by quite a number of LTA's and SMME's as they wanted the certificate in conjunction with having their tourism businesses. With our tourism industry generating big revenue through festivals and events it has become very important for tourism businesses to have the knowledge on how to plan or manage an event. This certificate was also used by some to get employment at events management companies etc.





### **Customer Care Training**

This training is essential for all staff working in the Tourism Industry directly with tourists. Most unemployed trainees need to have this training in order to give quality service to prospective tourists to our region. Most of our communities do not know how to speak or relate to tourists and see them as a threat or they are scared to communicate. With this customer care training all issues relating to tourism and how to take care of our tourist is addressed. Most of the hospitality industry makes use of local people to work in their establishments, but they neglect to give their staff the proper training, with us providing this training we ensure that CWDM becomes a destination where Service Excellence can be experienced.



### **Introduction to Wine**

With CWDM being the Wine Capital of the country, we need to educate people living within the Winelands on Wine. This industry is a huge industry and provides a huge number of jobs, but people need to have the knowledge or at least know something about Wine. Introduction to wine give trainees a background on the History of wine in South Africa and teach them how to do wine tasting and what the difference between the wines are. CWDM in conjunction with the Cape Wine Academy want to roll this training out as far as possible to bring knowledge about wine to its people. With this certificate quite a number of unemployed trainees received employment at wine farms in their wine tasting venues.



### **First Aid Training:**

This training is a prerequisite for all tour guides and operators to be able to operate legally. LTA's also requested this training as it is also essential for them to have it as they work with tourists on a daily basis.



### **Computer Training**

Computer Literacy is an absolute necessity today and if you are not able to work on a computer your chances for finding a job is slim. We have a huge number of people requesting computer training ranging from

unemployed, to older people having tourism businesses but not being proficient in doing emails or bookings online or browsing the internet. So we have done a number of training in the district and people can now generate their own emails and make use of internet café's or the computers provided at libraries, LTA's and municipalities. This will in turn assist people in searching for employment and job opportunities online as well.



## **AGRI PARKS**

### **INTRODUCTION**

The Agri-Parks project started in July 2013 as a response to a formal request from the Minister to identify areas in South Africa where crop production can be enabled. An Agripark (AP) can be defined as a networked innovation system of agro-production, processing, logistics, marketing, training and extension services, located in District Municipalities. As a network it enables a market-driven combination and integration of various agricultural activities and rural transformation services.

The Agripark will comprise of three basic units:

1. **The Farmer Production Support Unit (FPSU).**

The FPSU is a rural outreach unit connected with the Agri-hub. The FPSU does primary collection, some storage, some processing for the local market, and extension services including mechanization.



2. **Agri-Hub Unit (AH).**

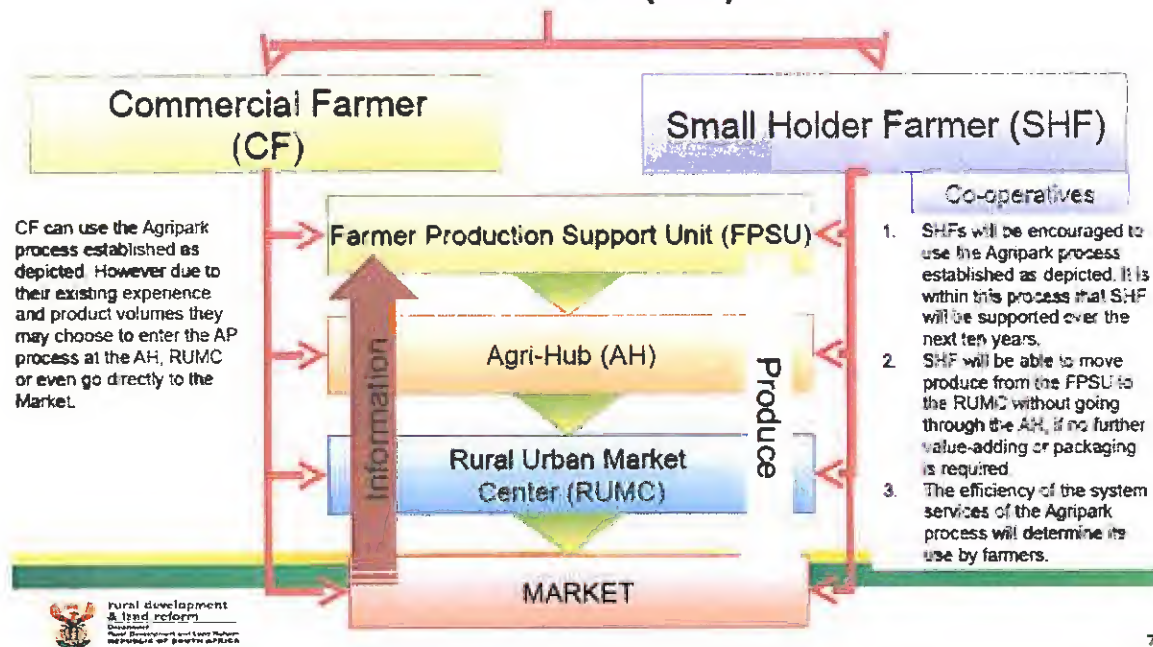
The AH is a production, equipment hire, processing, packaging, logistics and training (demonstration) unit.

3. **The Rural Urban Market Centre Unit (RUMC).**

The RUMC has three main purposes;

- a) Linking and contracting rural, urban and international markets through contracts;
- b) Acts as a holding-facility, releasing produce to urban markets based on seasonal trends; and
- c) Provides market intelligence and information feedback, to the AH and FPSU, using latest information and communication technologies.

# AGRI-PARK (AP)



## OBJECTIVES OF AGRI PARKS

1. Establish Agri-Parks in all of South Africa's District Municipalities that will kick start the Rural Economic Transformation for these rural regions;
2. Promote the skills of and support to small-holder farmers through the provision of capacity building, mentorship, farm infrastructure, extension services, production inputs and mechanization inputs;
3. Enable producer ownership of the majority of Agri-Parks equity (70%), with the state and commercial interests holding minority shares (30%); and
4. Bring under-utilized land (especially in Communal Areas Land and land reform farms) into full production over the next three years, and expand irrigated Agriculture.

## TEN GUIDING PRINCIPLES FOR AGRI-PARK ESTABLISHMENT

1. One Agri-Park per District (44).
2. Agri-parks must be farmer controlled.
3. Agri-parks must be the catalyst around which rural industrialization will take place.
4. Agri-parks must be supported by government (10 years) to ensure economic sustainability.
5. Strengthen partnership between government and private sector stakeholders to ensure increased access to services (water, energy, transport) and production on the one hand, while developing existing and create new markets to strengthen and expand value-chains on the other.
6. Maximise benefit to existing state land with agricultural potential in the provinces, where possible.
7. Maximise access to markets to all farmers, with a bias to emerging farmers and rural communities.
8. Maximise the use of high value agricultural land (high production capability).
9. Maximise use of existing agro-processing, bulk and logistics infrastructure, including having availability of water, energy and roads.
10. Support growing-towns and revitalisation of rural towns, in terms of high economic growth, high population growth over past 10 years and promote rural urban linkages

## METHODOLOGY FOR AGRI-PARK SITE SELECTION

1. The methodology for site selection has been informed by the following: the need to utilize existing state land with agricultural potential in the provinces. The need to create equal access to markets to all farmers within the province with a bias to emerging farmers and cluster of communities is required. The approach of having one Mega Agri-Hub per district is required. The knowledge that 27 districts need special intervention by government is required. Provinces have selected the proposed Agri Hub sites and the analysis was conducted based on these locations.

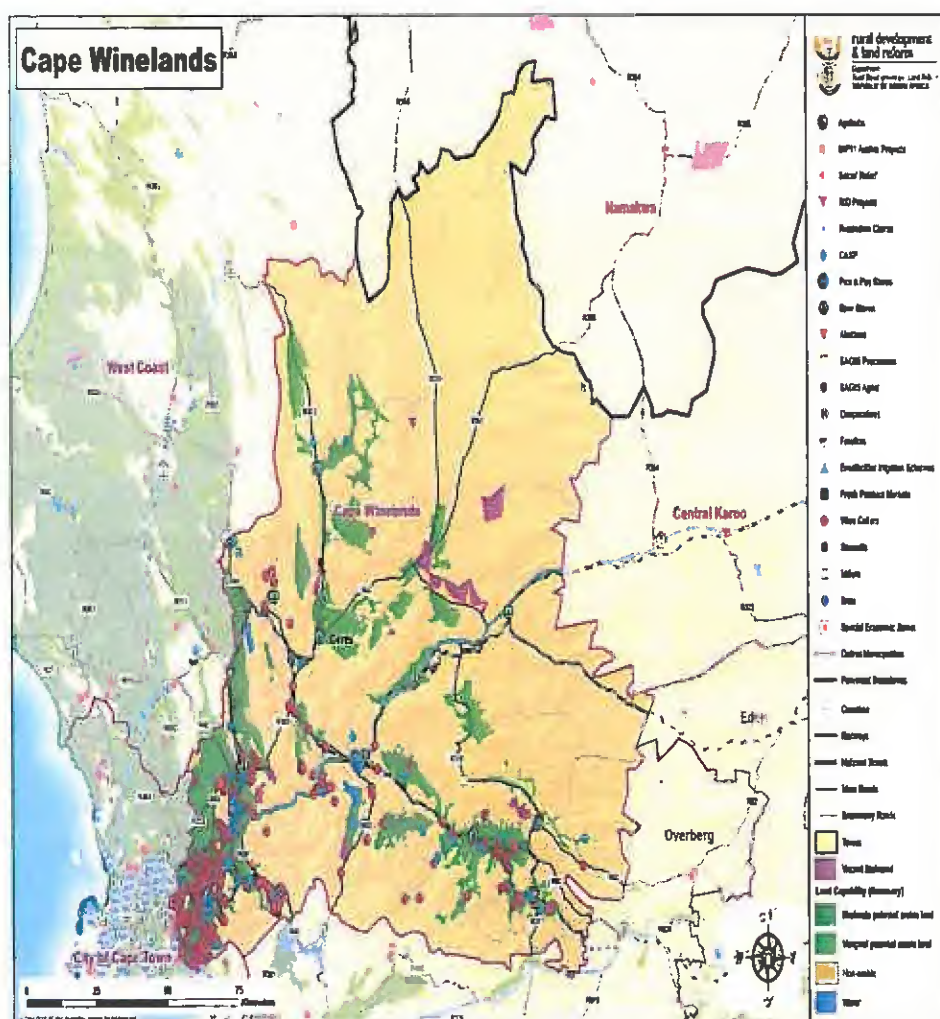


2. In the selection of the production hubs, a geographic analysis was conducted to identify all areas with greater soil potential and high to moderate potential agriculture within the provinces. The nearest strategic area to the production hub which could serve as collection points.
3. In selecting the best location for the Agro-Processing hub various indicators were used: the availability of the existing agro-processing plants, agricultural support/extension offices, and accessibility from all parts of the provinces linked with development potential of each District and ordering of nodes as gateways towns.
4. The mapping of the rural economy and clustering of challenges be considered which will give a representation of socio economic infrastructure to support identification.
5. Commodities mapping against soil capability and agriculture potential and Agri logistics and requirements at a regional scale. That was done in line with situational analysis i.e. rainfall per district, land availability (state land, AVMP sites, settled claims, recap projects or strategically located land).
6. The identification of gateways and economic potential of towns and linkages for agri logistics (roads).
7. Supporting programs and existing initiatives like CASP, PGDS, municipal SDFs, CRDP, identified AVMP sites and provincial agriculture master plan, spatial planning and value chain analysis guided by APAP to support or not support the growth constrains of value chains. The key component was the mapping of existing value agriculture chains.
8. The mapping of active and fallow lands and degraded lands for resuscitation purposes in traditional areas.
9. Spatial location of communities and potential for the revitalization of rural towns.
10. Lastly the availability of water schemes or water resources.

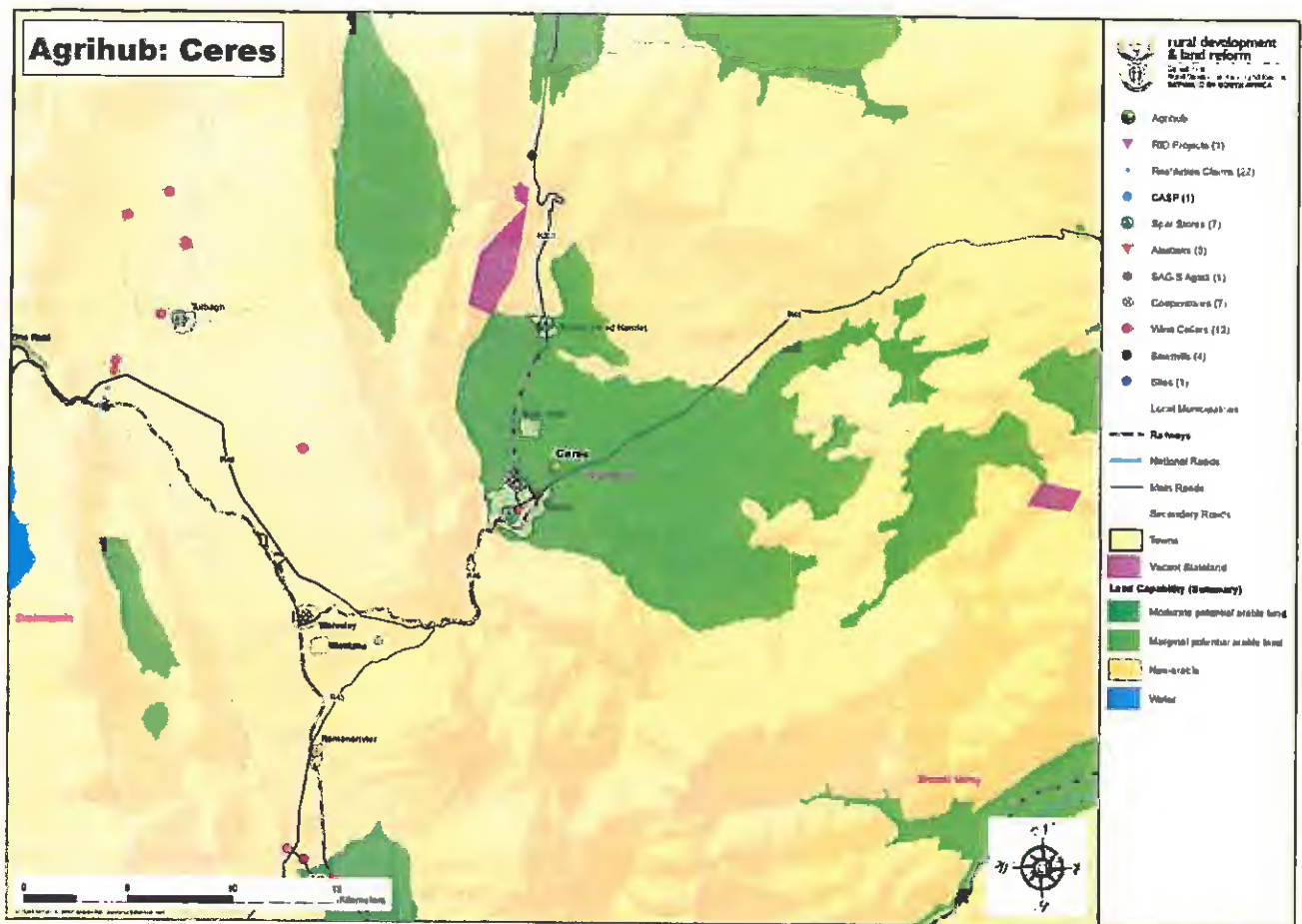
#### LIST OF AGRI HUBS IN 44 DISTRICTS

27 PRIORITY DISTRICTS		
PROVINCE	DISTRICT MUNICIPALITY	PROPOSED AGRI PARK
Eastern Cape	OR Tambo	Lambasi (Port St Johns)
	Chris Hanl	Ncora
	Amathole	Butterworth
	Joe Gqabi	Sterkspruit
	Alfred Nzo	Cedarville
KwaZulu-Natal	Amajuba	Dannhauser
	Harry Gwala (Sisonke)	Ebuta Farm
	Zululand	Vryheid
	ILembe	KwaDukuza (Stanger)
	Ugu	Horseshoe Farm
	Umgungundlovu	Umgeni
	Umkhanyakude	Mkuze
	Umzinyathi	Dundee
	Uthungulu	Eshowe
	Uthukela	Bergville
Limpopo	Vhembe	Nwanedi
	Mopani	Tzaneen
	Sekhukhune	Groblersdal
	Capricorn	Ga-poopedi
	Waterberg	Modimolle
Northwest	Bojanala	Makapanstad
	Dr Ruth Segomotsi Mompoti	Vryburg
	Ngaka Modiri Molema	Springbokpan
Northern Cape	John Taolo Gaetsewe	Kuruman
Mpumalanga	Ehlanzeni	Bushbuckridge
Free State	Xhariep	Springfontein
Gauteng	West Rand	Randfontein (Brandvlei)
17 Districts		
PROVINCE	DISTRICT MUNICIPALITY	PROPOSED AGRI PARK
Eastern Cape	Sarah Baartman (Cacadu)	Addo
Northern Cape	Namakwa	Springbok
	ZF Mgcau (Siyanda)	Melkstroom (Upington)
	Pixley ka Seme	Petrusville

	Frances Baard	Magareng
Northwest	Dr Kenneth Kaunda	Klerksdorp
Gauteng	Sedibeng	Rietkuil
Mpumalanga	Gert Sibande	Mkhondo (Piet Retief)
	Nkangala	Kameelpoort A
Free State	Thabo Mofutsanyane	Tshlame (Harrismith)
	Lejweleputswa	Wesselsbron
	Fezile Dabi	Parys
	Mangaung	Thaba Nchu
Western Cape	Cape Winelands	Ceres
	Central Karoo	Beaufort West
	Eden	Oudtshoorn
	Overberg	Bredasdorp
	West Coast	Vredendal







**PRE-DETERMINE OBJECTIVE 1.5:** *To facilitate and ensure the development and empowerment of the poor by graduating people out of poverty, social inclusion and improving the livelihood of the poor, vulnerable groups, rural farm dwellers and rural communities*

#### RURAL AND SOCIAL PROGRAMMES

The Division Rural and Social Development of the Cape Winelands District Municipality focus on building and maintaining social capital through access to the programmes and services. Related programs aim to increase physical activity, enhance education, improve skills levels, enhance employability, access to assistive devices, providing funding for community based organisations and promoting the rights of vulnerable groups. The success of these programmes were based on the strong and vibrant partnerships with National and Provincial Governments, B-Municipalities, Civil society organisations, Communities across the district and Training institutions.

#### Community Support Programme:

Funding is provided to support civil society organizations in rendering services focusing on poverty alleviation and rural development amongst rural poor and impoverished households. This programme enhances the capacity of 50 beneficiary organisations to render service that will contribute to the achievement of our strategic objectives.

#### Disability

This project aims to improve the livelihoods of people with disabilities and to address social barriers that exclude people with disabilities from the various systems of society. Accessibility is important to achieve the principles of full inclusion, equality and participation in mainstream society. The municipality provided 120 hearing aids to enhance the mobility and access of persons with hearing disabilities. The commemoration of the International Day for Persons with Disabilities was implemented as part of the interventions in support of breaking barriers and stigma posed to people with disabilities in the district.



### **Elderly**

Through the implementation of such a project, the Municipality strives to maintain and protect the status, wellbeing, safety and rights of older persons. This project also aims to promote and create an enabling environment for elderly to participate actively in healthy lifestyle, wellness and cultural activities. The vibrant partnership with Service Centres, Western Cape Older Persons forum, Age –in-Action; B-Municipalities; Department of Health, Department of Social Development and Department of Cultural Affairs and Sport contributes to the successful implementation of this project. Elderly persons have made valuable contributions in building communities in the Cape Winelands District. 1000 Elderly persons from Service Centres across the district annually participate in the Regional Golden Games. The finalists of this event participate in the Provincial Golden Games where after a team is selected for the National Golden Games. The relay team of the Cape Winelands District obtained gold medals in the 2015 National Golden Games. Various other activities are implemented which relates to the more living active age programme.

### **Families and Children**

Families are the corner stone of communities. Dysfunctional families lead to dysfunctional communities. Interventions to support vulnerable families are vital in alleviating abuse, neglect and poverty. The project aims to strengthen the capacity of families and communities to care for and protect children. Through this project poor rural schools were afforded opportunities to embark on educational excursion which are related to the school curriculum.

### **Holiday Programmes**

Children and young people are experiencing greater vulnerability during school holidays because in most cases parents are employed and they are left unattended. During this period children, especially in impoverished communities have little or no recreational space where they can give expression to their need for positive socialisation and interaction with their peers. This in itself places them at risk of being drawn into negative activities such as criminality, increase in substance abuse and inappropriate sexual behaviour. It has been proven over time that where children and young people find them to be occupied with positive interaction, the issues listed above is mitigated and therefore reduces the risk of being influenced negatively. Holiday programmes are implemented in order to create a safe space for children during school holidays. Partnerships were formed with various NGOs to implement these programmes which included educational Tours, life skills training; leadership camps and arts and culture activities. More than 1500 children from across the district were reached with the programme.

### **Victim Empowerment Programmes**

Victim empowerment is an approach to facilitate access to a range of services for all people who have individually or collectively suffered harm, trauma or material loss due to violence, crime, natural disaster human accident or through socio-economic conditions. It aims to restore the loss or damages. Victim empowerment programmes focus taking control, having a voice, being heard, be recognized and respected as an individual. These initiatives focus on empowering people but especially, women and children with information and skills. Through these types of programmes they learn to understand and manage emotions, set and achieve positive goals feel and show empathy for other. It also teaches them to establish and maintain positive relationships and make responsible decisions. These programmes are implemented in partnership with Government Departments, B-Municipalities, SAPS, NGO's CBO's and Farm Watches.

### **Substance Abuse**

A Pregnant Women Mentorship programme was implemented in partnership with FASFacts. The objective of the programme is to prevent the increase of FAS by assisting girls and adult women making the decision not to drink any alcohol when they will be pregnant, or when they plan to become pregnant. The Mentors are responsible for ensuring that the pregnant women abstain from alcohol during pregnancy and breastfeeding period. They are also providing support for the family during this period. On 09 September each year we observe International Foetal Alcohol Syndrome Day (FAS day) and we partner with FASFacts and various stakeholders to take a stand to recognize and raise awareness about the dangers of drinking during pregnancy and the plight of individuals and families affected with Foetal Alcohol Syndrome (FAS) and Foetal Alcohol Spectrum Disorders (FASD)

### **HIV/AIDS**

HIV and AIDS impact on the sustainability of communities and their development conditions. The implementations of interventions are crucial in ensuring that the vulnerability of infected and affected persons are increased. The interventions namely HIV/Aids awareness campaigns, World Aids day, HIV/Aids & Male circumcision; HIV & breastfeeding and 16 Days of Activism Against the Abuse of Women and Children are implemented in partnership with the Multi Sectoral Action Team (MSAT) structures in each B-Municipal area. These programmes focus on reversing the effects of the HIV/AIDS pandemic and support to infected and affected families in the district.

Educational items were provided for children living with HIV/AIDS ECD programme. 16 Days of Activism campaigns were supported across the district. AIDS. The Ithemba Fun walk is implemented annually in partnership with Department of Education to raise awareness on HIV/AIDS amongst primary schools.

#### **Women**

5 Women's day programmes were implemented in partnership with various stakeholders during Women's Month. One of these programmes had a specific focus on aspects that affects Elderly women. The purpose of the programme was to raise awareness on issues of Gender Based Violence in the Elderly sector. The target group was Elderly women from Service Centres in the Breede Valley area and the partners included the Worcester Thuthuzela Care Centre, Department of Social Development, Legal Aids South Africa-Worcester; Worcester SAPS Women's Network & FCS Unit and Ukwanda Rural Clinical School. Through this programme elderly participants were empowered with information around accessing legal services, active aging, safety tips & health & wellness aspects. Certificates of Appreciation were also handed over to Service Centre Coordinators.

#### **Youth**

Youth Development initiatives are crucial for the economy and the prevention of social crimes. The municipality has implemented Youth Dialogues; Life Skills Camps; Young People @ Work Workshops; Media Training Workshops for unemployed youth in partnership with Government Departments; Koinonia; B-Municipalities and Civil society organisations. These programmes were implemented to address issues that are affecting youth. Activities like career exhibitions, honouring of the Grade 12 Top Achievers awards, Matric Motivation programmes and Spring school programmes were supported in order to enhance opportunities for Grade 11 and 12 Learners.

#### **Skills Training:**

Skills development programmes enhance the employability and SMME development amongst women and youth. The Clothing Bank was established in Cape Town in 2010, in response to the growing problem of unemployment amongst single mothers and the lack of support that they receive from the father of their children. The Clothing Bank receives excess clothing from the major retailers and the general public in South Africa and uses this clothing as the tool to teach. A pilot project was implemented for 20 women of Worcester and Ashton. The project entails a 2 year training programme that empowers unemployed mothers to start a small retail trading business. After 2 weeks of training, the women on the programme will start to trade by buying these items from the Clothing Bank and selling it for a profit in their communities. Through this they learn the vital lessons about running a business and are able to build their confidence, whilst earning an income at the same time. The goal is that they each should earn R3500 per month which is enough to feed, clothe and educate their family. The training is accredited by SAQA. The motto of the programme is "Don't give a woman a fish, teach a woman to fish AND teach her how to sell her fish". Driver's License training and Baking Skills Training was implemented for youth and women

#### **SPORT AND RECREATION**

Sports and recreation programmes provide opportunities for vulnerable groups to participate in mass participation programmes. It enhance social cohesion amongst communities and it allow children, families, senior citizens, disabled, men and women to participate in and attend numerous events that would have otherwise been denied. The Cape Winelands Sports Awards; Freedom Run; Rieldans regional competitions; Bussiness Against Crime Tournaments; co-hosting of Vodacom Cup and FNB Cup for Secondary Schools; Arts Cape Rural Outreach Programme; Heritage Day programmes; Cape Winelands Dominoes Tournament and Cape Winelands Drama Festival are some of the key programmes that were implement. 27 Organisations received funding for hosting mass participation Sports and Culture events.

## **RESEARCH-LED SOCIAL DIALOGUE, POLICY AND STRATEGY DEVELOPMENT FOR THE LONG-TERM SETTLEMENT OF FARM WORKERS ON AND OFF FARMS**

The Cape Winelands District Municipality (CWDM) has been awarded a research, social dialogue and strategy development grant by the Tirolo Boshha Public Service Improvement Facility administered by the Department of Public Services and Administration (DPSA). These awards are made for proposals which aim to improve service delivery in the District.

The process has been designed to enable CWDM and its state and social partners to better understand complex and interrelated issues associated with the provision of farmworker housing on and off farms, access to services and tenure security.

### **What are the objectives of this initiative?**

- Improved integration of farm worker housing, service and tenure security needs in municipal housing strategies.
- Development of a supportive policy environment; innovative partnerships and institutional arrangements to enable farm worker housing, service and tenure security needs to be progressively met in the Cape Winelands.
- Research and social dialogue leading to deeper understanding of the housing, services and tenure issues in and across localities
- Measures agreed to practically address the need for improved farm worker housing, access to services and tenure security on and off-farm
- Proposals for policy review

The principal objective of this initiative is the development of practical strategies resulting in improved integration of farm worker housing, service and tenure security needs in municipal housing and social development planning.

The CWDM is working in partnership with Phuhlisani – a specialist land and rural development non-profit company. Dr Rick de Satgé is leading a multidisciplinary research and strategy development team which has:

- undertaken a review of the literature to identify key trends and issues over the period 1985 – 2015;
- conducted in-depth case study research in five towns and surrounding wards across the Breede Valley, Drakenstein, Langeberg, Witzenberg and Stellenbosch which will involve a wide range of interviews with key informants from the public sector, organised agriculture, organisations representing workers and other relevant civil society groupings;
- presented the findings of this research to a multi actor district social platform to begin a districtwide conversation about farmworker housing, access to services and tenure security;
- deepen this conversation by organising a three day learning journey which has enabled social platform participants to engage first-hand with issues on the ground at selected sites across the five B municipalities
- Facilitating the development of a district-wide strategy to systematically address the key priority issues which emerge and that actively engage key departments in other spheres of government, private sector and civil society actors.

The intended outcome of the process was a district strategy and proposals for policy which would be presented for approval in district and local municipal decision-making forums.

## 5.2 STRATEGIC OBJECTIVE 2

### TECHNICAL SERVICES

**PRE-DETERMINE OBJECTIVE 2.1:** *Promoting sustainable infrastructure services and transport system which fosters social and economic opportunities.*

#### Maintenance of proclaimed roads:

The objective is to comply with the administrative and financial conditions of the Western Cape Government roads agency function agreement.

Cape Winelands District Municipality does not have ownership of any of the public roads in its area. Proclaimed National Roads are managed by the SANRAL (South African Roads Agency for the National Department), Provincial proclaimed Roads are owned by the Western Cape Provincial Government (Department of Transport and Public Works) and municipal streets by the different Local Authorities.

A service delivery and financial level agreement exist between the Cape Winelands District Municipality (CWDM) and The Western Cape Provincial Administration, Department of Transport and Public Works which ensures that:

- Road maintenance activities are performed by CWDM together with their Provincial Paarl Regional Office;
- Delegated management duties are performed by CWDM;
- Preparation of technical reports regarding land use application received from local B municipalities together with their Provincial Paarl Regional Office and Head Office;
- Various administration duties are adhered to including dealing with the general public (road user) regarding all road matters (e.g. road safety, road maintenance, etc.); and
- Assistance with capital infrastructure improvement by CWDM roads personnel, example re-gravel and resealing to complement such work performed by provincial contracts.

The planning, funding and provision of new provincial road infrastructure or major upgrading and rehabilitation contracts are the function of the Provincial Roads Authority. A Provincial Pavement Management System is used by Province to manage the technical requirements of their road network. During information sessions between the Provincial Department of Transport and Public Works, the CWDM and all local authorities in the Western Cape a new process was proposed to involve all relevant role players in the Western Cape to participate in the planning and prioritization of future projects regarding the preventative road maintenances of the Provincial Road network:

The existing limited resources (financial and manpower) are therefore used to do daily maintenance activities such as:

- Drainage maintenance (clearing the many pipes and box culverts under roads, clearing soil trenches on the sides of roads to prevent storm water from penetrating and weakening road layers);
- Sealing the many open cracks that occur on older bitumen surface roads (better known as tarred roads) to prevent penetration of water;
- Maintaining guard rails and road signs damaged daily through accidents or vandalism;
- Removal of undesirable vegetation and collecting litter; and
- Safeguarding the numerous endeavour of worn gravel verges along bitumen surfaced (tarred) roads.

**PRE-DETERMINE OBJECTIVE 2.2:** *To implement sustainable infrastructure services*

#### Waste management

Council has developed an Integrated Waste Management Plan (IWMP) for the district as a whole and has also assisted some municipalities in the compilation of their IWMP. This integrated strategic document gives a holistic view of waste management processes in the district. Through this, management issues of a district nature can be identified, investigated and implemented.

Waste management in the local municipalities are generally well done insofar as the collection of domestic municipal waste is concerned with waste collection provided for the vast majority of urban residents. However, the management of waste disposal is generally poor. Waste avoidance is not significantly practiced anywhere in the district except for at certain private enterprises. Reference must be made that certain municipalities within the district

do use a clear bag system to enhance separation at source and improve recycling. Waste avoidance will only be achieved through the implementation of public awareness campaigns.

Waste Recovery of any significance is only done at the Materials Recovery Facilities (MRFs) at Paarl and Touws River. Scavenging takes place at a number of the waste disposal sites in the area, contributing to operational difficulties. These type of facilities must be constructed in all larger towns with populations larger than 50 000.

Composting is done successfully near Stellenbosch, Klapmuts and Robertson and should be extended to all larger towns in the district. Mobile builder's rubble crushing plants should be established that can rotate between the various larger towns.

The Stellenbosch area and in a lesser extent the Witzenberg and Langeberg areas are in critical need for landfill airspace. A Service Provider has been appointed for the identification and licensing of regional landfill sites in the Cape Winelands District Municipality's area. One site has been identified and a license was issued. Appeals against the license were lodged and the appeals are currently being assessed by the MEC.

### **Planning of services**

Municipalities sometimes find it difficult to make provision for planning projects in their budgets due to financial constraints and the public pressures of delivering services. The Cape Winelands District Municipality has over the years engaged in supporting municipalities in this regard by completing master planning projects for water and sanitation, storm water and pavement management systems. Access to these master plans, allows municipalities the opportunity to invest in the most critical elements of these services and thereby making the investment sustainable and effective.

### **PRE-DETERMINE OBJECTIVE 2.3: To increase levels of mobility in the whole of the CWDM area**

Section 84 of the Local Government: Municipal Structures Act, Act 117 of 1998, lists the function "Regulation of Passenger Transport Services" as a district municipal competency. The Cape Winelands structured their administration such that the Sub-Directorate Public Transport Planning and Regulation would be responsible for the administration of this function.

The Act however does not offer a definition for "regulation" neither "passenger transport services". The word "regulate" is defined in the Shorter Oxford Dictionary as "to bring into conformity with a rule, principle or usage".

In terms of the Constitution of the Republic of South Africa, Act 108 of 1996, section 156 and Part B of Schedule 4, a Municipality has executive authority in respect of "Municipal Public Transport".

Section 155 of the Constitution, Establishment of municipalities, lists the three Categories of municipalities being Categories A, B and C. Thus all municipalities have the responsibility of "Municipal Public Transport".

The National Land Transport Act (NLTA), 2009 (Act No 5 of 2009), was promulgated on 27<sup>th</sup> November 2009, thus repealing in full the previous Act, namely, the National Land Transport Transition Act, 2000 (Act 22 of 2000. Chapter 2 of Act 5 of 2009) addresses the institutional arrangements for land transport and the responsibilities of the three spheres of Government are listed in Section 11. Section 11(1)(i to xxviii), addresses the responsibilities of the municipal sphere of government. The National Land Transport Act (NLTA) defines "municipality" as including all types of municipalities contemplated in section 155 of the Constitution, thus Metropolitan (category A) municipality, District Municipality (category C) and Local Municipality (category B).

Based on the definition of the word "regulate" in the Shorter Oxford Dictionary, it is possible that the functions listed under section 11(1) c xviii to xxvii of the NLTA could possibly fall within the ambit of this definition.

A determination of the function should therefore be done to establish the responsibilities of the District Municipality now that the NLTA is quite explicit in defining the role Local Government in Section 11 of such Act.

An avenue to be followed is to involve SALGA in such an endeavour. The MEC could also be prompted as follows – Section 85(1) of the Local Government : Municipal Structures Act, Act 117 of 1998, provides that the MEC for local government may adjust the division of functions and powers between District – and Local Municipalities by allocating



powers vested in a Local Municipality to the District Municipality or vice versa, excluding certain powers. The power to regulate passenger transport services is not excluded, so an adjustment may take place. The MEC may so allocate functions only if the municipality in which the power is vested lacks the capacity to perform it and the MEC has consulted the Municipal Demarcation Board (MDB), which must have assessed the capacity of the municipality concerned.

## **Supportive Statutory and Non-statutory Plan**

### **Integrated Transport Plan (ITP)**

Cape Winelands District Municipality has developed the Integrated Transport Plan (ITP) and submitted and approved by the MEC (14 July 2011) and the five local municipalities within its area of jurisdiction has been reviewed in terms of the minimum requirements that were first gazetted on 30 November 2007 through Government Notice no R 1119.

In terms of this notice the MEC has to classify the Municipalities in the Cape Winelands as follows:

- Type 1 – Stellenbosch Municipality – Planning Authority required preparing a Comprehensive Integrated Transport Plan (CITP).
- Type 2 – Cape Winelands District Municipality – Planning Authority to prepare a District Integrated Transport Plan (DITP).
- Type 3 – Breede Valley-, Drakenstein-, Langeberg- and Witzenberg Municipality – Planning Authorities to prepare a Local Integrated Transport Plan (LITP).

The Cape Winelands District Municipality was tasked by the Provincial Department: Transport and Public Works to prepare a District ITP as well as the preparation of Local ITP's. Stellenbosch Municipality is responsible for preparing their Comprehensive ITP which is to form part of the Cape Winelands District ITP.

In the process of drafting the District Integrated Transport Plan, an assessment of the current status of Public Transport in the district as a whole has been recorded as well as stating a long term vision (5-20 year) for public transport in the Cape Winelands DM.

Transport of patients especially from rural areas remains a challenge where urgent attention should be given by all relevant role-players. The same applies to sheltering those patients while waiting at Health Care facilities after hours. The development and eventual implementation of Integrated Public Transport Networks will address most public transport needs of the captive rural communities.

However, the CWDM is currently developing an Integrated Public Transport Network based on an incremental implementation approach for the Drakenstein Municipal area whereafter a similar approach will be followed for Breede Valley, Langeberg and Witzenberg. The big challenge lies in sourcing the required level of funding for the incremental implementation approach as well as securing a minimum level of staffing required to manage the Integrated Public Transport Network.

## **KEY INTERVENTIONS PLANNED**

### **A. Transportation Precinct Plan for the Ceres and Tulbagh CBD's**

The key components guiding the investigation listed below:

#### **• Consolidation of minibus taxi facilities within Ceres CBD**

Very few dedicated public transport infrastructure has been provided in Ceres. The facilities available have to be consolidated into a reduced number of dedicated public transport facilities. These facilities should serve the needs of the minibus taxi industry and public transport passengers, but should also form part of a system of urban activities.

#### **• Non-motorised transport network (NMT)**

Develop a non-motorised transport network for the Ceres and Tulbagh CBD's that includes a focus on cyclists, pedestrians, physically impaired and disabled persons. The development of the network should take into

consideration pedestrian hazardous locations, key attractors and generators, transportation infrastructure, tourism and public space environments. Apart from providing NMT connectivity between various land uses, the focus of this network should also be to provide NMT users with a priority NMT network that provides for safe and convenient movement in an attractive environment.

- **Management of business deliveries**

Make recommendations on how to better manage business deliveries within the CBD precinct to minimise the impact on the quality of the Ceres and Tulbagh CBD's.

- **Parking Management Strategy**

Develop a parking management strategy for the Ceres and Tulbagh CBD's that focuses on the best location for parking areas, identify areas for paid and free parking and maximise the availability of parking.

## **B. Safer Journeys to Schools Strategy**

The implementation of this strategy is currently two-fold -

### **B1 Development of educational material**

Distribution of road safety themed brochures, posters, colouring books and learner back-packs developed by the CWDM duly assisted by the Law Enforcement units of the Local Municipalities and the Western Cape Government. The major thrust of this intervention is to improve the visibility of learners walking to their respective schools.

### **B2 Upgrading Public Transport Facilities at schools**

The construction of sidewalks, bus embayments and upgraded access off the road network to the respective schools.

## **C. Development of an Integrated Public Transport Network for Drakenstein Local Municipality**

Phases of IPTN development

- The following phased approach to the development of the IPTN is envisaged:
- Phase 0: Development of the IPTN Framework – COMPLETED;
- Phase 1: Initial Detailed Planning Activities;
- Phase 2: Industry Negotiations and Business Plan;
- Phase 3: Detailed Design and Development of Specifications and Tender Documentation; and,
- Phase 4: Procurement and Implementation.

### **Guiding Principles**

The Framework was developed in accordance to the requirements and guidelines that were available at time of writing, amongst others;

- National Land Transport Act, 5 of 2009;
- National Public Transport Strategy and Action Plan 2006/7;
- Rural Transport Strategy, 2007;
- Urban and Rural Development Strategies; and
- NDoT Guidelines and Requirements: Public Transport Infrastructure and Systems Grant, 2011-12.

However, the CWDM is not convinced that the current IPTN or IRPTN model, which is being implemented in other areas of South Africa, is in any way sustainable, affordable, or financially viable especially when applied to a predominantly rural area or district. It is thus a specific requirement that the successful tenderer must demonstrate their ability to be innovative and progressive in the concept of public transport network and services planning.

#### **D. Cape Winelands Freight Strategy**

The current draft strategy will be developed into a full blown Freight Strategy due to the pressures currently experienced within the Cape Winelands due to an increase in freight, bulk- as well as break freight which is generated within the district as well as travelling through.

#### **E. Non-Motorised Transport (NMT) Master Plan**

The concept of functional NMT clusters is in the developmental stage. This will ensure that functional NMT networks are developed throughout the district to improve the mobility of the captive rural communities. The project is currently being rolled-out in Robertson and Paarl to link the communities of Nkqubela and Mbekweni with their respective CBD's and job opportunities.

#### **PRE-DETERMINE OBJECTIVE 2.4: To improve infrastructure services for rural dwellers**

A vital aspect of the function of CWDM is the provision of high-level basic services and the infrastructure that can underpin economic and social development in the region. Below we analyse the situation with regards to various services:

- **Water and Sanitation**

The responsibility to eradicate the water and sanitation backlogs is the responsibility of the Water Service Authorities supported by the DW&S and the national water and sanitation task team. In the case of the CWDM, the Water Services Authorities are the B-Municipalities.

The responsibility of the CWDM is to ensure that proper planning is done and to co-ordinate and oversee these processes and make sure that capacity exists within the B-Municipalities to ensure effective delivery. It is estimated that the amount needed to eradicate the existing bulk and internal backlogs in the district is in excess of R 1.2 billion. Careful technical planning and financial management will need to be employed to eradicate these backlogs.

This Council assists rural schools in upgrading and/or improving the potable water supply and sanitation facilities at the schools. In some cases, the toilet facilities are extended to cater for additional learners while water storage facilities and purification of water is regularly attended too.

- **Electricity**

In most instances electricity in the rural areas are provided by ESKOM. Although the grid is comprehensive, it does not cover all areas. This Council has a subsidy scheme for the provision of solar lighting systems as well as solar hot water systems. The installation of these systems in rural dwellings improves the living conditions of poor rural dwellers tremendously and also contributes to the use of renewable energies.

- **Rural sport facilities**

There is a dire need for the upgrading of existing and/or the development of sport facilities in the rural areas. Partnerships with Land Owners, Sport Organisations and the Department of Sport and Culture will be fostered in the provision of these facilities. Recently various tennis/netball courts, rugby fields, clubhouses and flood lights at sport fields were completed.

- **Rural housing**

- ***Planning and Implementation of rural housing projects***

Council resolved not to continue with the implementation of the following projects and has requested the respective local municipalities to implement the projects when it is possible:

- *The Nieuwedrift Farm Workers Agri-Village Project at Noorde-Paarl - Drakenstein municipality.*
    - *Development of the Groot Drakenstein Agri Village - Stellenbosch Municipality.*

### 5.3 STRATEGIC OBJECTIVE 3

#### FINANCIAL AND STRATEGIC SUPPORT SERVICES

To provide effective and efficient financial and strategic support service to the Cape Winelands District.

#### **PRE-DETERMINE OBJECTIVE .3.1: To facilitate and enhance sound financial support services**

#### **LONG TERM FINANCIAL PLAN (LTFP)**

The municipality will embark on a process to develop a long term financial plan which is in accordance with the Municipal Budget and Reporting Regulations (Section 7). The financial plan will be funded by Provincial Government Western Cape.

The LTFP is a financial framework that combines and integrates financial strategies to achieve the main objective of the financial viability of the municipality. i.e. the ability of the municipality to meet the current and future service delivery needs of the community whilst remaining financial sustainable on the long term.

The development of the LTFP is an output of financial and other strategies and aims to identify financial imbalances or opportunities and to develop strategies to counteract the imbalances.

Furthermore the financial plan assist the municipality to effectively manage the financial position of the municipality in accordance with the Integrated Development Plan (IDP) and secure sound and sustainable management of its financial affairs of the Local Government: Municipal Finance Management Act, 2003 (Act No. 56 of 2003) (MFMA). Furthermore, it provides for democratic, accountable and effective governance of finances.

#### **1) Financial overview**

The envisaged long-term financial plan will provide strategic direction and support the objectives of the Municipality. In addition, it includes a 10-year plan linked to business plans for delivery over the medium term. The aim thereof is to realise government grants and private finance to accomplish budgeting in a viable, sustainable and credible manner and simultaneously compile the three-year budget as per MFMA requirements.

#### **2) Financial Policy Instruments**

Good governance entails effective leadership that is characterised by the ethical values of responsibility, accountability, fairness and transparency. Thus, Local Government's Regulatory framework composed in the policy instruments of the Municipality has been directed to ensure efficient and effective financial management of the municipality.

The following policy instruments direct strategic objectives and business operations with the view to achieve sustainable economic, social and environmental performance.

Document	Purpose	Status
System of Delegations	To maximize administrative and operational efficiency. To ensure that the Municipality's affairs are administered in an economical, effective, efficient and accountable manner.	Approved
Credit Control and Debt Collection Policy	To provide a framework within which the municipal Council can exercise its executive and legislative authority with regard to credit control and debt collection.  Ensure that all monies due and payable to the municipality are collected and used to deliver municipal services in the best interests of the community in a financially sustainable manner.	Approved

Cape Winelands District Municipality (CWDM) did embark on a comprehensive process to have all posts on the approved staff establishment evaluated in terms of the TASK Job Evaluation System. The purpose of the implementation of the TASK Job Evaluation Systems is to:

- Achieve uniform norms and standards in the description of similar posts and their grading;
- Provide for the necessary structures, institutional arrangements and procedures for the evaluation of posts at the Cape Winelands District Municipality;
- Ensure that a single job evaluation system is implemented;
- Monitor adequate implementation of the TASK Job Evaluation System in order to achieve uniform remuneration within the Cape Winelands District Municipality;
- Provide guidelines for Job evaluation at the Cape Winelands District Municipality; and
- Ensure that objective job descriptions are compiled for all posts on the approved staff establishment of the Cape Winelands District Municipality which will be to the advantage of both the employer and the employees.

Implementation of the TASK grading outcomes were affected with effect from 01 November 2014 on acceptance of the Final Outcomes Report by the Municipal Manager.



### 5.3 ORGANISATIONAL PERFORMANCE TARGETS (PER STRATEGIC OBJECTIVE)

CAPE WINELANDS DISTRICT MUNICIPALITY – STRATEGIC OBJECTIVES:	
Office of the Municipal Manager:	<p>Strategic Support to the organisation to achieve the objectives as set out in the Integrated Development Plan through:</p> <ul style="list-style-type: none"> <li>• A well-defined and operational IDP Unit;</li> <li>• A well-defined and operational Performance Management Unit;</li> <li>• A well-defined and operational Risk Management Unit;</li> <li>• A well-defined and operational Internal Audit Unit; and</li> <li>• A well-defined and operational Communication Unit.</li> </ul>

STRATEGIC OBJECTIVES	
SO 1	To create an environment and forge partnerships that ensures the health, safety, social and economic development of all communities including the empowerment of the poor in the Cape Winelands District through economic, environmental and social infrastructure investment.
SO 2	Promoting sustainable infrastructure services and a transport system which fosters social and economic opportunities.
SO 3	To provide an effective and efficient financial and strategic support services to the Cape Winelands District Municipality.

STRATEGIC OBJECTIVE 1 – To create an environment and forge partnerships that ensures the health, safety, social and economic development of all communities including the empowerment of the poor in the Cape Winelands District through economic, environmental and social infrastructure investment.									
CWDM PDO	Outcome Indicator	KPI	Baseline	5 Year Revised Targets					
				2012/13	2013/14	2014/15	2015/16	2016/17	
1.1	1.1.1 To administer an effective ENVIRONMENTAL HEALTH MANAGEMENT SYSTEM, in order to achieve all environmental health objectives set.	1.1.1.1	Monthly Report (Sinjani report) to PGWC on all MHS matters by the 15th of every following month.	12	12	12	12	12	
	1.1.2 To ensure effective ENVIRONMENTAL POLLUTION CONTROL via the identification, evaluation, monitoring and prevention of the pollution of soil, water and air, in as far as it relates to health; and to institute remedial action accordance with Regulation 37 of the CWDM Municipal Health By-Law.	1.1.2.1	Number of water samples taken (Wastewater, Water milking sheds, Drinking water, Water sources, water used for recreation).	1800	1800	1957	1800	1800	
		1.1.2.2	Annual Air Quality report to DEA in the prescribed format by 30 September of every year.	Revised KPI	Revised KPI	1	1	1	
1.2	1.2.1 Build Institutional Capacity.	1.2.1.1	Number of Disaster Management Advisory meetings	Revised	Revised	2	2	2	
1.3	1.3.1 Effective planning and co-ordination of specialized firefighting services in CWDM.	1.3.1.1	One Veld Fire Season preparedness report approved by Council by 31 December 2016.	Revised	Revised	1	1	1	
1.4	1.4.1 To fulfil a coordination role in terms of Town and Regional Planning within the Cape Winelands District.	1.4.1.1	Number of stakeholder consultations attended or facilitated.	Revised KPI					4

	1.4.2	To fulfil a coordination role in terms of Economic and Tourism Development within the Cape Winelands District.	1.4.2.1	Number of stakeholder consultations attended or facilitated.	Revised KPI	8			
1.5	1.5.1	To fulfil a coordination role in terms of Rural and Social Development within the Cape Winelands District.	1.5.1.1	Number of stakeholder consultations attended or facilitated.	Revised KPI	4			
STRATEGIC OBJECTIVE 2 – Promoting sustainable infrastructure services and a transport system which fosters social and economic opportunities.									
CWDM PDO	Outcome Indicator	KPI	Baseline	5 Year Revised Targets					
				2012/13	2013/14	2014/15	2015/16	2016/17	
2.1	2.1.1	Support the maintenance of proclaimed roads in the district on an agency basis for the provincial roads authority.	2.1.1.1	Monthly report on production figures to Provincial Government (Roads Agency) By the 20th of the following month.	0	0	0	12	
2.2	2.2.1	Enhance the planning of infrastructure services in the district.	2.2.1.1	Develop stormwater master plans for local municipalities.	1	1	0	1	0
			2.2.1.2	Investigate the development of a regional solid waste disposal site.	1	1	0	1	1
2.3	2.3.1	Improved pedestrian safety at rural schools.	2.3.1.1	Review District Integrated Transport Plan.	Revised KPI	Revised KPI	0	1	1
2.4	2.4.1	To improve infrastructure services for rural dwellers throughout the area of the Cape Winelands District Municipality.	2.4.1.1	% of project budget spent on rural projects. (Clearing road reserves, provision of water & sanitation to schools, renewable infrastructure and upgrade rural sport facilities)	0	0	0	95%	95%
2.5	2.5.1	Improving ITC support	2.5.1.1	Quarterly ICT Reports to Mayoral Committee	0	0	0	4	4

STRATEGIC OBJECTIVE 3 – To provide effective and efficient financial and strategic support services to the Cape Winelands District Municipality.									
CWDIM PDO	Outcome Indicator	KPI	Baseline	5 Year Revised Targets					
				2012/13 End May	2013/14 End May	2014/15 End May	2015/16 End May	2016/17 End May	
3.1	3.1.1 Credible Budget	3.1.1.1 Compilation of the budget.	End May						
	3.1.2 Transparent and accountable reporting to all stakeholders	3.1.2.1 Compilation of Quarterly Section 52 reports to Council (Including Performance Reports)	4	4	4	4	4	4	
	3.1.3 Effective systems, procedures and internal control of expenditure and revenue.	3.1.3.1 Monthly Creditor and Debtor age analysis.(Section 71 reports) to Executive Mayor	12	12	12	12	12	12	
	3.1.4 Fair, Equitable, Transparent, Competitive and cost-effective SCM Policy and Regulatory Framework.	3.1.4.1 Effective Supply Chain Management.	Less than 5% successful appeals	Less than 5% successful appeals	Less than 5% successful appeals	Less than 5% successful appeals	Less than 5% successful appeals	Less than 5% successful appeals	
3.2	3.2.1 To ensure well functional statutory and other committees.	3.2.1.1 Number of council and mayoral committee meetings supported administratively (Minutes of all meetings on collaborator)	14	14	14	14	14	14	
3.3	3.3.1 To ensure a skilled and competent workforce	3.3.1.1 Number of Workplace Skills Plan Submissions to the LGSETA	1	1	1	1	1	1	
	3.3.2 Improved Labour Relations and informed Workforce.	3.3.2.1 Number of Employment Equity Report submissions to the Department of Labour	1	1	1	1	1	1	



#### 5.4.1 Budget Link – IDP/Budget/SDBIP

Nr.	Strategic Objective	Budget Allocation 2016/2017	Nr.	Predetermined Objective	Budget Allocation 2016/2017
1.	To create an environment and forge partnerships that ensures the health, safety, social and economic development of all communities including the empowerment of the poor in the Cape Winelands District through economic, environmental and social infrastructure investment		1.1	Provide a comprehensive and equitable Municipal health Service including Air Quality Management throughout the CWDM.	
			1.2	Ensure coordination of multi-disciplinary and sectoral disaster risk reduction through integrated institutional capacity for Disaster Risk management, Disaster Risk Assessment and Response and Recovery	
			1.3	Effective planning and coordination of specialized fire-fighting services throughout the CWDM	
			1.4	To facilitate environmentally sustainable economic development planning through the development and maintenance of strategic partnerships, investment attraction, retention and opportunities, SMME support and development, skills development and information knowledge management.	
			1.5	To facilitate, ensure and monitor the development and empowerment of the poor by graduating people out of poverty, social inclusion and improving the livelihood of the poor, vulnerable groups, rural farm dwellers and rural communities.	
2.	Promoting sustainable infrastructure services and a transport system which fosters social and economic opportunities.		2.1	To comply with the administrative and financial conditions of the Western Cape Government roads agency function agreement.	
			2.2	To implement sustainable infrastructure services.	
			2.3	To increase levels of mobility in the whole of the CWDM area.	
			2.4	To improve infrastructure services for rural dwellers	
			2.5	To implement an effective ICT support system.	
3.			3.1	To facilitate and enhance sound financial support services	
			3.2	To strengthen and promote participative and accountable IGR and governance.	
			3.3	To facilitate and enhance sound strategic support services	
Total					

## Governance Structure

<b>Office of the Executive Mayor</b> <ul style="list-style-type: none"> <li>Political Vision, Values and Coordination;</li> <li>Policy and Programme Oversight;</li> <li>Functional Compliance; and</li> <li>Intergovernmental Relations.</li> </ul>		<b>Office of the Speaker</b> <ul style="list-style-type: none"> <li>Legal Oversight;</li> <li>Policy Reviews; and</li> <li>Statutory Committees</li> </ul>
<b>Council Committees</b>		
<b>Section 79 Committees</b>	<b>Section 80 Committees</b>	<b>Statutory Committees</b>
<ul style="list-style-type: none"> <li>MPAC</li> <li>Rules Committee</li> </ul>	<ul style="list-style-type: none"> <li>Corporate and Finance;</li> <li>Economic Growth and Infrastructure Services; and</li> <li>Social and Community Development Services</li> </ul>	<p><b><u>With Councillors</u></b></p> <ul style="list-style-type: none"> <li>Local Labour Forum;</li> <li>Training Committee;</li> <li>Audit Committee;</li> <li>Annual Performance Evaluation Panel;</li> <li>Budget Steering Committee; and</li> <li>Special Committee to investigate and make findings on any alleged breach of the Code of Conduct for Councillors.</li> </ul> <p><b><u>With officials only</u></b></p> <ul style="list-style-type: none"> <li>Bid Adjudication Committee;</li> <li>Bid Evaluation Committee;</li> <li>Bid Specification Committee; and</li> <li>Safety Committee.</li> </ul>

## Composition of Council

Political Party	Number of seats
<b>Democratic Alliance</b>	<b>23</b>
<b>African National Congress</b>	<b>13</b>
<b>National People's Party</b>	<b>1</b>
<b>Congress of the People</b>	<b>1</b>
<b>Stellenbosch Civic Association</b>	<b>1</b>
<b>African Christian Democratic Party</b>	<b>1</b>

### 6.1.2 ADMINISTRATIVE COMPONENT

The development priorities of the municipality as contained in the IDP cannot be achieved without people (human resources) and therefore the effective management of human resources makes a vital contribution to achieving these goals. The Cape Winelands District Municipality, through its salary budget, human resource management policies, practices, systems, etc. recognises that its employees are central in realising the vision and mission of the organisation. There is, therefore, close alignment between the way in which the administration is structured and resourced through its operational and salaries budget, the IDP objectives and the performance targets of the municipality.



## TOP ADMINISTRATIVE STRUCTURE



**Municipal Manager:**  
Mr M Mgajo



**Executive Director:**  
**Community Development**  
**and Planning Services**  
Mr CV Schroeder



**Executive Director:**  
**Technical Services**  
Mr F van Eck



**Chief Financial Officer**  
**Financial and Strategic Support**  
**Services**  
Ms FA du Raan-Groenewald

8.1 NATIONAL GOVERNMENT



State of the Nation Address (SoNA): President GJ Zuma – 12 February 2016

## 8.2 WESTERN CAPE PROVINCIAL GOVERNMENT BUDGET PRIORITIES FOR 2016/2017



BETTER TOGETHER

### 8.3 PROVINCIAL JOINT PLANNING INITIATIVES


JPI Ref. #	Municipality	PSG	JPI	Agreed JPI Projects	Lead Department	Supporting Departments
JPI 1-011	Drakenstein	PSG 1: Create opportunities growth and jobs	Economic Growth Initiatives	ICT and Economic Development 1. Unlocking key economic drivers	Drakenstein Municipality	DoTP DEDAT Cape Winelands District Municipality
JPI 1-057	Drakenstein	PSG 4: Enable a resilient, sustainable, quality and inclusive living environment	Integrated Settlement Development	Tenure security and farm evictions 1. Set up Strategic task team	Drakenstein Municipality	DLG, CWDM, DoJ DRDLR DHS DoA SALGA
JPI 1_099	Drakenstein	PSG 3: Increase Wellness, safety and reducing social ills PSG 1: Create opportunities growth and jobs	Social Initiatives Economic Growth Initiatives	Unlocking key economic drivers 1. Craft Youth Development or Growth Development Plan. Agri value chain 1. Reduction of regulatory inhibitors impacting agri value chain; 2. Structured mechanism to engage business; 3. Developing innovation hubs for Agri value chain.	Drakenstein Municipality  DOA	DoE, DoA DTPW DEDAT, DSD DEDAT
JPI 1-012	Stellenbosch					Stellenbosch Municipality Business Sector Cape Winelands District Municipality
JPI 1-027	Stellenbosch	PSG 2: Improve Education outcomes and opportunities for youth development	Education and Skills Development	Establish Stellenbosch Municipality as a centre of innovation in terms of youth empowerment 1. Sports, Arts and Culture programme;	DCAS	DSD DoE Stellenbosch Municipality
JPI 1-037	Stellenbosch	PSG 4: Enable a resilient, sustainable, quality and inclusive living environment	Environmental Management	Solid Waste management 1. Identifying an adequate Landfill site(Perhaps regional landfill site); 2. Exploring alternative technology in dealing with waste.	DEADP	Stellenbosch Municipality Drakenstein Municipality CoCT CWDM

JPI 1-058	Stellenbosch	PSG 4: Enable a resilient, sustainable, quality and inclusive living environment	Integrated Settlement Development	Urban redevelopment 1. Integrated Urban Development Plan; 2. Urban renewal project;	DEADP	Stellenbosch Municipality DTPW DEDAT DHS
JPI 1-080	Stellenbosch	PSG 4: Enable a resilient, sustainable, quality and inclusive living environment	Integrated Settlement Development	Infrastructure provision 1. Plan to address critical Infrastructure Backlogs; 2. Longer term delivery and financing strategy.	DLG	PT Stellenbosch Municipality
JPI 1-013	Witzenberg	PSG 1: Create opportunities growth and jobs	Economic Growth Initiatives	Refocus on agriculture and agro processing 1. Baseline for agriculture and agro-processing; 2. Strategy and Implementation plan for agriculture; 3. District land reform plan;	DOA	DEDAT Witzenberg Municipality DRDLR CWDM Commercial Agriculture Sector Cape Winelands District Municipality
JPI 1-028	Witzenberg	PSG 2: Improve Education outcomes and opportunities for youth development	Education and Skills Development	Human Resource Development 1. Increased access to quality education and training programmes 2. Skills Development centre for Agriculture.	DoE	DOA Witzenberg Municipality
JPI 1-059	Witzenberg	PSG 4: Enable a resilient, sustainable, quality and inclusive living environment	Integrated Settlement Development	Implementation of Infrastructure Master Plans 1. Development of HSP.	Witzenberg Municipality	DTPW DHS DLG
JPI 1-081	Witzenberg	PSG 4: Enable a resilient, sustainable, quality and inclusive living environment	Investment in Bulk Infrastructure	Implementation of Infrastructure Master Plans 1. Development of the critical infrastructure LONG TERM master plans.	Witzenberg Municipality	DTPW DHS DLG
JPI 1-100	Witzenberg	PSG 3: Increase Wellness, safety and reducing social ills	Social Initiatives	Implementation of Safety Promotion Strategy 1. Institutionalise Safety partnerships; 2. Increase oversight of SAPS; 3. Building Resilient Communities; 4. Increased Safety in public spaces; 5. Safe, drug free communities; 6. Curative and preventative Initiatives.	DoCS	DSD DoH DCAS Witzenberg Municipality SAPS

JPI 1-029	Langeberg	PSG 3: Increase Wellness, safety and reducing social ills	Social Initiatives	Implementation of a Comprehensive Youth Empowerment Plan 1. Drug Master Plan (used as a vehicle to coordinate youth activity	DSD	DoCS Langeberg Municipality
JPI 1-060	Langeberg	PSG 4: Enable a resilient, sustainable, quality and inclusive living environment	Integrated Settlement Development	Identify and secure land for low income housing development 1. An approved and council adopted Langberg MSDP and HSP; 2. Establishment of Farm Worker (Agri) neighbourhoods in Towns within the Langeberg municipal area; 3. Identify land for emergency housing; Addressing Infrastructure provision 1. Longer Term Delivery and financing strategy.	Langeberg	DEADP DHS DoA
JPI 1-082	Langeberg	PSG 4: Enable a resilient, sustainable, quality and inclusive living environment	Investment in Bulk Infrastructure	Fast Tracking of housing delivery within Breede Valley municipality: 1. Fast tracking of Transhex Development (identified as a Provincial catalytic project); 2. Continuous implementation of the municipality's housing pipeline (infilling and upgrading). Development of economic infrastructure: 1. Uitvlug industrial park 2. Hex Rivier development 3. Inland port development	PT	DLG Langeberg Municipality
JPI 1-061	Breede Valley	PSG 4: Enable a resilient, sustainable, quality and inclusive living environment	Integrated Settlement Development	Coordinated Skills Development plan: 1. Absorption of Makasizwe graduates 2. Expand engineering programme at Boland FET college; 3. Audit to understand sectoral skills gaps and opportunities.	DHS	Breede Valley Municipality DTPW
JPI 1-083	Breede Valley	PSG 1: Create opportunities growth and jobs	Investment in Bulk Infrastructure		DEDAT	DoA DTPW Breede Valley Municipality
JPI 1-101	Breede Valley	PSG 3: Increase Wellness, safety and reducing social ills	Social Initiatives		Breede Valley	CWDM DoA DEDAT DoE DTPW



9.1 WITZENBERG MUNICIPALITY (2012/2013-2016/2017 IDP)

Witzenberg Municipality	Vision	Mission	Strategic Priorities
 <p><b>WITZENBERG</b> Municipality • Munisipaliteit • Umzantsipala Wase</p>	<p>A Municipality that cares for its community, creating growth and opportunities</p>	<p>The Witzenberg Municipality is committed to improve the quality of life of its community by:</p> <ul style="list-style-type: none"> <li>• Providing and maintaining affordable services.</li> <li>• Promoting Social and Economic Development;</li> <li>• The effective and efficient use of available resources; and</li> <li>• Effective Stakeholder and Community participation</li> </ul>	<p><u>KPA 1:</u> Developing Integrated and Sustainable Human Settlements</p> <p><u>KPA 2:</u> Financial sustainability.</p> <p><u>KPA 3:</u> Good Governance, Communication and Institutional Development</p> <p><u>KPA 4:</u> Local Economic Development</p> <p><u>KPA 5:</u> Social Development.</p> <p><u>KPA 6:</u> Strategic Partnerships and International Relations</p>
Major challenges/blockages to development	Backlogs		Key projects planned for 2012/2016 and budget allocations
<ul style="list-style-type: none"> <li>• Internal office space;</li> <li>• Funding/development – plans (disaster);</li> <li>• Unaccounted water/electricity losses;</li> <li>• External;</li> <li>• Influx – growth of informal settlements; and</li> <li>• Housing need – strategic change towards serviced plots</li> <li>• LED Implementation</li> </ul>			<ul style="list-style-type: none"> <li>• Water &amp; Sanitation – bulk upgrades (Hamlet, Wolseley, ODB, Tulbagh)</li> <li>• Low cost housing project (Tulbagh)</li> <li>• Civil &amp; Electrical network/connections</li> <li>• Upgrading Roads (Tulbagh)</li> <li>• Various Rural development projects (Hamlet, Bella Vista, Nduli)</li> <li>• 12/13 Capital Budget – R 72m</li> <li>• Housing Tulbagh – R 13m</li> </ul> <p>FOR FURTHER INFORMATION PLEASE VIEW THE MUNICIPAL IDP ON: <a href="http://www.witzenberg.gov.za">www.witzenberg.gov.za</a></p>

#### INCLUSIVE

Breedede Valley community plans in consultation with all residents and partners to create and stimulate social cohesion, restore hope and break down social divide

#### WELL-RUN MUNICIPALITY

Breedede Valley municipality continues to build on being a well-run municipality, with strong committed administration, uphold the principles of good governance, maintain a good credit rating, provide good basic services to all and improve our good productivity rating into becoming the best run municipality

- Review current practices like fleet management, Travelling & Subsistence, Telephone cost, management of our overtime, security etc.;
- Enhance our approach to Human settlements;
- Be socially responsive and responsible (bursaries, Grant in Aid etc.)
- Enhancement of the EPWP (Expanded Public Works Programme); and
- Explore all other sources of funding, etc.

FOR UP TO DATE INFORMATION PLEASE VIEW THE MUNICIPALITY'S IDP ON:

[www.breededevallei.gov.za](http://www.breededevallei.gov.za)

## 9.6 SUPPORT TO LOCAL MUNICIPALITIES – FINANCIAL IMPACT

All projects, planning initiatives and programmes are implemented within the jurisdiction areas of the applicable local municipality's or district wide, as illustrated in the following table:

District Wide Support		
Type of support	Deliverable	Financial Impact
Subsidies – Water & Sanitation	Number of farms serviced (44) Educational's (20)	R1 880 000
Environmental Health Education	Number of theatre performances	R 425 000
Clearing of road reserves	643 km Cleaned	R 1 300 000
Rural infrastructure support	Provision of water to schools	R 849 000
Renewable Infrastructure – Rural Areas	Solar systems supply to farmers	R 2 751 000
Upgrading of Sport Facilities	Number of Sport Facilities Upgraded	R 2 700 000
Development Regional Land Fill Site	Planning of one land fill site for Witzenberg, Breede Valley & Langeberg	
Planning	Roads Asset Management System	
Regional Taxi Council	Support	
Planning	Integrated Transport Plan – Excluded Stellenbosch	
Greening Project	Number of trees planted	R 258 000
Entrepreneurial Seed Funding	Number of SMME's supported	R 500 000
Business Retention Expansion Programme	Number of action plans for tourism sector	R 700 000
Investment Attraction Programme	Number of projects implemented	R 400 000
Small Farmers Support Programme	Number of small farmers supported	R 500 000
SMME Training and Mentorship	Number of processes implemented	R 495 000
Tourism Business Training	Number of training and mentoring sessions	R 566 000
Tourism Educational	Number of educationals	R 103 000
LTA Projects	Number of LTA's participating	R 150 000
Tourism Events	Number of tourism events	R 500 000
Sport Tourism Winter Campaign	Campaign implemented	R 53 000
EPWP Invasive Alien Management Programme	Number of hectares cleared	R 1 030 000
HIV/AIDS Programme	Number of HIV/AIDS Programmes Implemented	R 250 000
Elderly	Number of Active Age programmes implemented	R 500 000
Disabled	Number of interventions focussing on improving the mobility of people with disability.	R 600 000
Community Support Programme	Number of on interventions implemented which focus on the rights of people with disabilities.	R 700 000
Families and Children (Substance Abuse)	Number of Service Level Agreements signed with community based organisations	R 700 000
Sport, Recreation and Culture Programmes	Programmes and support for vulnerable children	R 2 000 000
Youth	Number of programmes	R 500 000
Women	Number of youth development programmes	R 250 000
LED Information Management	System Support	



District Wide Support		
Type of support	Deliverable	Financial Impact
Missions Exhibitions and Trade Shows	To be identified	
Biosphere Reserve	Geographical Boundaries a portion of Witzenberg, Breede Valley, Stellenbosch and Drakenstein Municipalities	
Healthy Environment	Food-Water Testing	
Fire Services	Fire Breaks	
Community Support	ID Campaign	
Community Support	Bursary Fund	
Stellenbosch Municipality		
Type of support	Deliverable	Financial Impact
Planning	Water & Sanitation Master Plan	
Disaster Risk Assessment	Number of community-based risk assessment workshops	
Tourism Month	Tourism month activities	
Artisan Skills Development (Youth and Women) EPWP	Number of skills development initiatives implemented	
Working For Water	Clearing Contracts	
Drakenstein Municipality		
Type of support	Deliverable	Financial Impact
Upgrading infrastructure at schools	Sidewalks and embayment's	
Public Transport	Sidewalks	
Planning	Integrated Public Transport Network	
Working For Water	Clearing Contracts	
Witzenberg Municipality		
Type of support	Deliverable	Financial Impact
Planning	CBD Transport Planning	
Tourism Month	Tourism month activities	
Breede Valley Municipality		
Type of support	Deliverable	Financial Impact
Hiring of Toilets Sandhills	Informal settlement - sanitation	
Langeberg Municipality		
Type of support	Deliverable	Financial Impact
Public Transport	Road safety education	1
Public Transport	Sidewalks	
Planning	Storm Water Master Plans	
River Rehabilitation (EPWP)	Hectares cleared	
Fire Services	Community Fire Awareness	

## 10.1 INTRODUCTION

The application of sound financial management principles for the compilation of the Municipality's financial plan is essential and critical to ensure that the Municipality remains financially viable and that municipal services are provided sustainably, economically and equitably to all communities.

The Municipality's business and service delivery priorities were reviewed as part of this year's planning and budget process. The municipality also strives to deliver sustainable services to its community without overburdening the consumers with excessive tariffs. The ten highest risks identified by the strategic planning exercise and approved by Council can be summarised as follows:

Major Risk
Lack of resources
No Firewall security is in place
Not sufficient IP addresses
No ownership for password control
Lack of policies
Weaknesses in the environmental and physical controls
Misstatements in the Annual financial statements
Water quality in the district - river water
Workload on fire fighting vehicles,
Ageing vehicles exhausting maintenance budget.

For each of the above risk areas the municipality has put mitigating measures in place aligned to the specific department in the budget. These measures will be implemented over the MTREF period.

Due to the decreasing Equitable Share Allocation the municipality could not budget for a surplus, which will have a negative effect on its Accumulated Surplus. In addressing the key considerations contained in National Treasury's MFMA Circular 74, the following are highlighted in the budget:

- The municipality cut back on capital and operating expenditure related to the upgrading of rural roads (which is the property of the Provincial Government) to maintain accumulated reserves and ensure long term sustainability of the municipality
- Capital projects were spread out over the MTREF to avoid large fluctuations in spending and ensure that priority is given to projects with high importance
- Tariff increases were kept as low as possible to ensure affordability thereof, whilst keeping in mind the cost of delivering services of a high quality.
- The municipality recognizes the importance of cash reserves and therefore strives to maintain a current ratio of not lower than 2.1(Current Assets : Current Liabilities)

In view of the aforementioned, the following table is a consolidated overview of the proposed 2015/2016 Medium-term Revenue and Expenditure Framework:

## 12.3 HIGH-LEVEL SERVICE DELIVERY AND BUDGET IMPLEMENTATION PLAN (PROJECTS)

### CWDM STRATEGIC OBJECTIVES:

#### STRATEGIC OBJECTIVES (Key Priorities)

Office of the Municipal Manager

Strategic Support to the organisation to achieve the objectives as set out in the Integrated Development Plan through:

- A well-defined and operational IDP Unit;
- A well-defined and operational Performance Management Unit;
- A well-defined and operational Risk Management Unit;
- A well-defined and operational Internal Audit Unit; and
- A well-defined and operational Communication Unit.

NO.	Strategic Objective	Predetermined Objective
SO 1	To create an environment and forge partnerships that ensures the health, safety, social and economic development of all communities including the empowerment of the poor in the Cape Winelands District through economic, environmental and social infrastructure investment.	<ol style="list-style-type: none"> <li>1. Provide a comprehensive and equitable Municipal health Service including Air Quality Management throughout the area of Cape Winelands District Municipality.</li> <li>2. Ensure coordination of multi-disciplinary and sectoral disaster risk reduction through Integrated institutional capacity for Disaster Risk management; Disaster Risk Assessment and Response and Recovery</li> <li>3. Effective planning and coordination of specialized fire-fighting services throughout the area of Cape Winelands District Municipality.</li> <li>4. To facilitate environmentally sustainable economic development planning through the development and maintenance of strategic partnerships, investment attraction, retention and opportunities, SMME support and development, skills development and information knowledge management.</li> <li>5. To facilitate, ensure and monitor the development and empowerment of the poor by graduating people out of poverty, social inclusion and improving the livelihood of the poor, vulnerable groups, rural farm dwellers and rural communities.</li> </ol>
SO 2	Promoting sustainable infrastructure services and a transport system which fosters social and economic opportunities.	<ol style="list-style-type: none"> <li>1. To comply with the administrative and financial conditions of the Western Cape Government roads agency function agreement.</li> <li>2. To implement sustainable infrastructure services throughout the area of Cape Winelands District Municipality..</li> <li>3. To increase levels of mobility in the whole of the area of Cape Winelands District Municipality.</li> <li>4. To improve infrastructure services for rural dwellers throughout the area of Cape Winelands District Municipality</li> <li>5. To implement an effective ICT support system.</li> </ol>
SO 3	To provide effective and efficient financial and strategic support services to the Cape Winelands District Municipality.	<ol style="list-style-type: none"> <li>1. To facilitate and enhance sound financial support services.</li> <li>2. To strengthen and promote participative and accountable Governance.</li> <li>3. To facilitate and enhance sound strategic support services.</li> </ol>



CWDM SO	CWDM PDO	Project ID	Nat. KPI	Project Name	Vote Number	Budget 2016/17	Unit of Measurement	Target per Financial Year			
									14/15	15/16	16/17
<b>STRATEGIC OBJECTIVE – 1: To create an environment and forge partnerships that ensures the health, safety, social and economic development of all communities including the empowerment of the poor in the Cape Winelands District through economic, environmental and social infrastructure investment.</b>											
1	1.1	1.a	1	Subsidies – Water & Sanitation	114415210	R 1 880 000	Number of farms serviced (44). Educational's (20, Q4)	93	64	64	
1	1.1	1.b	1	Environmental Health Education	114415219	R 425 000	Number of theatre performances	80	80	80	
1	1.1	1.c	1	Greening Project	114415590	R 258 000	Number of trees planted	1989	2000	1600	
1	1.2	1.d	5	Risk Assessment	116100449	R 250 000	Number of community-based risk assessment profiles	12	10	10	
1	1.4	1.e	5	River Rehabilitation (EPWP)	115214001	R 360 000	Hectares Cleared	400	50	100	
1	1.4	1.f	5	Entrepreneurial Seed Funding	110045037	R 500 000	Number of SMME's supported	52	20	20	
1	1.4	1.g	3	Business Retention Expansion Programme	110045511	R 700 000	Number of action plans for tourism sector	7	11	13	
1	1.4	1.h	3	Investment Attraction Programme	110041079	R 400 000	Number of projects implemented	1	1	2	
1	1.4	1.i	3	Small Farmers Support Programme	110045040	R 500 000	Number of small farmers supported financially	7	11	6	
1	1.4	1.j	3	SMME Training and Mentorship	110045514	R 495 000	M&E Report	12	8	4	
1	1.4	1.k	3	Tourism Month	111035307	R 100 000	Tourism month activities	3	2	2	
1	1.4	1.l	3	Tourism Business Training	111035306	R 566 000	Number of training and mentoring sessions	9	8	8	
1	1.4	1.m	3	Tourism Educational	111035311	R 103 000	Number of educationals	8	7	7	
1	1.4	1.n	3	LTA Projects	111035412	R 150 000	Number of LTA's participating	15	15	15	
1	1.4	1.o	3	Tourism Events	111035441	R 500 000	Number of tourism events	29	25	25	
1	1.4	1.p	3	Sport Tourism Winter Campaign	111035430	R 106 090	Campaign implemented	1	1	1	
1	1.4	1.r	3	EPWP Invasive Alien Management Programme	115215140	R 1 030 000	Number of hectares cleared	795	300	400	

1	1.5	1.s	1	HIV/AIDS Programme	114755203	R 250 000	Number of HIV/AIDS Programmes Implemented	47	10	10
1	1.5	1.t	1	Artisan Skills Development (Youth and Women) EPWP	114750551	R 800 000	Number of skills development initiatives implemented	4	3	3
1	1.5	1.u	1	Elderly	114751115	R 500 000	Number of Active Age programmes implemented	10	5	10
1	1.5	1.v	1	Disabled	114771116	R 600 000	Number of interventions focussing on improving the mobility of people with disability and the rights of people with disabilities.	4	4	5
1	1.5	1.w	1	Community Support Programme	114751018	R 700 000	Number of Service Level Agreements signed with community based organisations	52	50	46
1	1.5	1.x	1	Families and Children (Substance Abuse)	114751118	R900 000	Programmes and support for vulnerable children	22	45	30
1	1.5	1.y	1	Sport, Recreation and Culture Programmes	114771134	R 3 499 000	Number of programmes	64	62	50
1	1.5	1.y.1	1	Youth	114751113	R 500 000	Number of youth development programmes	0	5	10
1	1.5	1.y.2	1	Women	114751125	R 250 000	Number awareness programmes	0	5	6
<b>STRATEGIC OBJECTIVE – 2: Promoting sustainable infrastructure services and a transport system which fosters social and economic opportunities.</b>										
2	2.1	1.z	3	Clearing Road Reserves	113305094	R 1 400 000	Kilometres of road reserve cleared	583	600	550
2	2.2	1.aa	3	Upgrading Infrastructure at various Schools	116155017	R 0	Number Sidewalks/embayment's completed.	2	2	0
2	2.1	1.bb	3	Road Safety Education	116155018	R 1 114 000	Number of Road Safety Education Programmes/events	1	1	1
2	2.2	1.dd	3	Provision of Water to Schools	113305155	R 849 000	Number of Schools	4	4	4
2	2.4	1.ee	3	Renewable Infrastructure – Rural Areas	113305102	R 2 000 000	Number of solar systems supplied to farmers	273	319	250
2	2.4	1.ff	3	Upgrading of Sport Facilities	113309195	R 2 700 000	Number of Sport Facilities Upgraded	6	9	9
2	2.4	1.ff.1	3	Upgrading entrances to towns (Fencing)		R 0	Meters completed	0	200	0
2	2.3	1.hh	3	Sidewalks and Embayment's	116155179	R 8 500 000	Number of sidewalks and embayment's completed	2	2	3

## 12.4 IDP PERFORMANCE 2014 – 2015 ANNUAL REPORT

### Financial Performance per SO

SO	Operating Budget				
	2013 - 14	Actual	2014 - 15	Actual	2015 - 16
1	85 495 110	75 838 748	117 524 580	100 541 526	105 224 390
2	91 933 891	91 761 860	111 515 021	105 268 994	115 412 186
3	113 741 895	87 854 059	95 810 270	82 420 052	114 413 794
<b>Total</b>	<b>291 170 896</b>	<b>255 454 667</b>	<b>324 849 871</b>	<b>288 230 572</b>	<b>335 050 370</b>

SO	Capital Budget				
	2013 - 14	Actual	2014 - 15	Actual	2015 - 16
1	1 625 980	1 452 632	2 098 519	1 565 213	5 611 209
2	6 161 079	3 619 016	3 490 322	823 605	8 717 300
3	694 542	443 388	906 667	2 506 790	3 860 300
<b>Total</b>	<b>8 481 601</b>	<b>5 515 036</b>	<b>6 495 508</b>	<b>4 895 608</b>	<b>18 188 809</b>



SO	Project Budget				
	2013 - 14	Actual	2014 - 15	Actual	2015 - 16
1	22 999 701	19 452 304	16 829 980	15 783 519	14 611 830
2	40 987 018	32 173 666	9 803 500	7 873 242	18 626 500
3	-	-	-	-	-
<b>Total</b>	<b>63 983 719</b>	<b>51 625 970</b>	<b>26 633 480</b>	<b>23 656 761</b>	<b>33 238 330</b>

**Summary of Cape Winelands Organisational Key Performance Indicators 2014/2015:**

SO	Number of KPI's	Zero Performance	Under Performance <80%	Achieved and over achieved	Delivery as a Percentage 2013/14	Delivery as a Percentage 2014/15
1	19	-	-	19	88%	100%
2	12	-	3	9	100%	87%
3	8	-	0	8	100%	100%
<b>Total</b>	<b>39</b>	<b>-</b>	<b>3</b>	<b>36</b>	<b>98%</b>	<b>96%</b>

### **Cape Winelands District Organisational Key Performance Indicators:**

The following corrections/improvements on the SDBIP were made:

- Organisational KPI's – delete KPI's related to projects where duplication occurs;
- Delete KPI's with zero targets – targets were set for outer years;
- Delete KPI's not budgeted for.